JVC

# SERVICE MANUAL

COLOUR TELEVISION

# AV-14RM4SE, AV-14RM4SN, AV-14RM4SP

**Supplementary**

**The following items for the AV-14RM4SE, AV-14RM4SN and AV-14RM4SP were changed partly.
Therefore, this service manual describes only the items which differ from those of the AV-14RM4SE, AV-14RM4SN and AV-14RM4SP service manual.
For details other than those described in this manual, please refer to the AV-14RM4SE, AV-14RM4SN and AV-14RM4SP service manual (No.YA081, 2005/2).**

# DIFFERENCE LIST

## PRINTED WIRING BOARD PARTS LIST

**MAIN P.W. BOARD ASS'Y**

| ⚠ | Ref. No. | Part No. | | PART NAME | DESCRIPTION |
|---|---|---|---|---|---|
| | | BEFORE | AFTER | | |
| ⚠ | TU201 | VE-30009637 | VE-30033888 | TUNER | Non compatible |

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**No.YA081B
2005/3**

# SECTION 1
# PRECAUTION

Please refer to "AV-14RM4SE, AV-14RM4SN and AV-14RM4SP (No.YA081)" about this section.

# SECTION 2
# SPECIFIC SERVICE INSTRUCTIONS

Please refer to "AV-14RM4SE, AV-14RM4SN and AV-14RM4SP (No.YA081)" about this section.

# SECTION 3
# DISASSEMBLY

Please refer to "AV-14RM4SE, AV-14RM4SN and AV-14RM4SP (No.YA081)" about this section.

# SECTION 4
# ADJUSTMENT

### 4.1 SETTING VALUES OF OPTION ITEMS

When a previous TUNER (VE-30009637) is replaced by a new TUNER (VE-30033888), it should be adjusted to the setting values in the table below. If the TUNER of the model with the new TUNER (VE-30033888) is replaced, there is no need for adjustment.

#### 4.1.1 SETTING VALUE OF SETTING ITEM

Make sure not to change the values that are not in the table below. If those values are changed, the unit will not operate normally.

| Item | Setting value | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | BEFORE | | | | | | | | AFTER | | | | | | | |
| | Bit 7 | Bit 6 | Bit 5 | Bit 4 | Bit 3 | Bit 2 | Bit 1 | Bit 0 | Bit 7 | Bit 6 | Bit 5 | Bit 4 | Bit 3 | Bit 2 | Bit 1 | Bit 0 |
| F1H | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 |
| F1L | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 0 |
| F2H | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 1 |
| F2L | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| BS1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| BS2 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| BS3 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| CB | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 0 |

### 4.1.2 HOW TO ENTER THE SERVICE MODE

(1) Press the **[INFORMATION]** key and **[MUTING]** key simultaneously, and the SERVICE MENU screen will be displayed. (Fig.1)

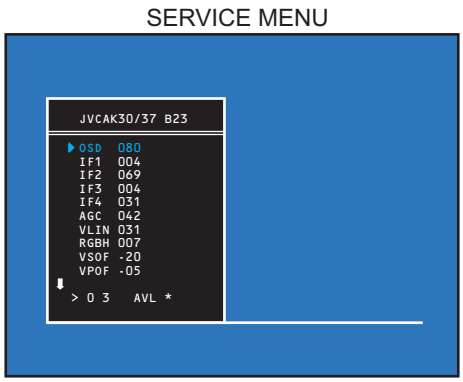



Fig.1

### 4.1.3 HOW TO SELECT THE SETTING ITEM

While the SERVICE MENU screen is displayed, press the [▲]/[▼] key and select the setting item.(Fig.2)

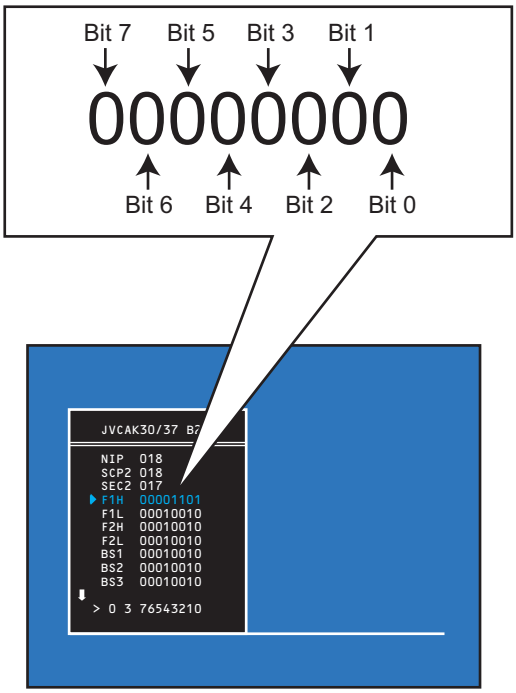



Fig.2

### 4.1.4 HOW TO CHANGE THE SETTING VLUE

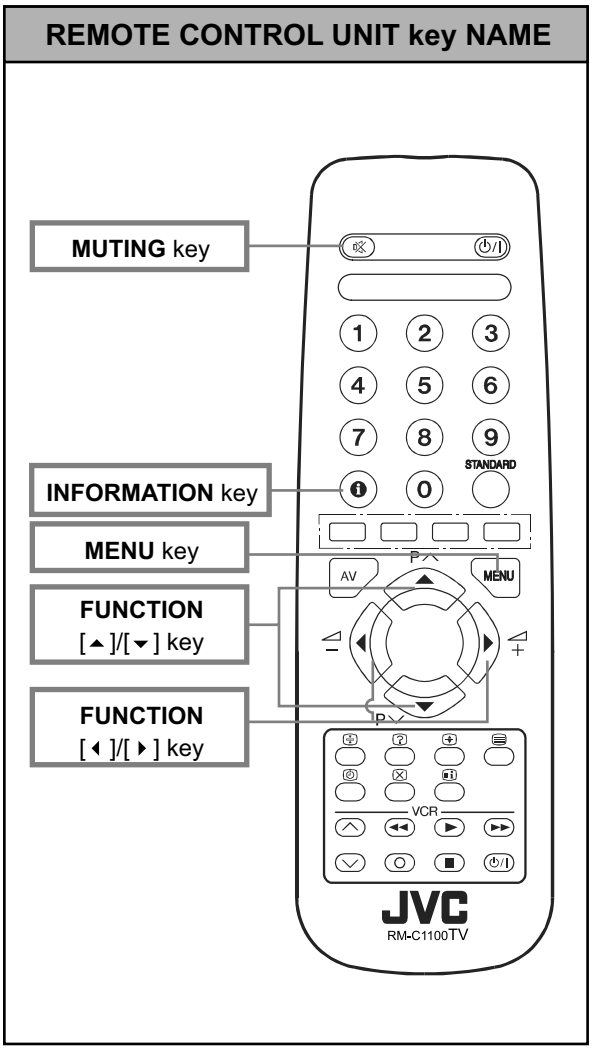
(1) After selecting the correct 8-bit option line, by using the dedicated number on the number key (0,1,2,3,4,5,6,7) you can change that bit from 0 to 1 or vice versa.

**Example:**

Initially an option with values: "00000000"
Press "0" button: "00000001"
Press "0" button again: "00000000"

### 4.1.5 HOW TO STORE OF SETTING VALUE

(1) The setting value will be stored auto matically when release the REMOTE CONTROL UNIT keys.




# SECTION 5
# TROUBLESHOOTING

Please refer to "AV-14RM4SE, AV-14RM4SN and AV-14RM4SP (No.YA081)" about this section.

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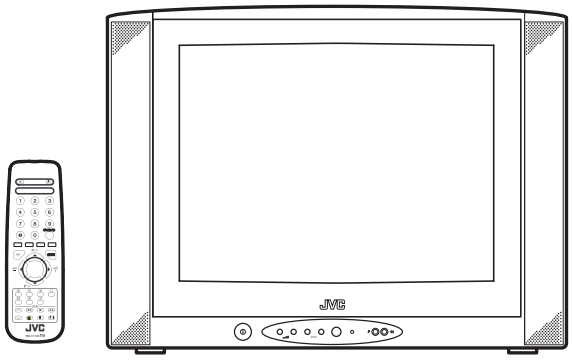
VPT

JVC

# SERVICE MANUAL

## COLOUR TELEVISION

# AV-14RM4SE,
# AV-14RM4SN,
# AV-14RM4SP



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No.YA081
2005/2

# SPECIFICATION

| Item | | Content | | |
|---|---|---|---|---|
| | | AV-14RM4SE | AV-14RM4SP | AV-14RM4SN |
| Dimensions ( W × H × D ) | | 45.5 cm × 35.5 cm × 37.8 cm | | |
| Mass | | 10kg | | |
| TV RF System | | B/G, D/K, L | B/G, L | B/G |
| Colour System | TV Mode | PAL / SECAM | | PAL |
| | Video Mode | PAL / SECAM / NTSC 3.58 / NTSC 4.43 | | PAL / NTSC 3.58 / NTSC 4.43 |
| Sound System | | A2 / NICAM | | |
| Teletext System | | TOP / WST | | |
| Receiving Frequency | VHF(VL)<br>VHF(VH)<br>UHF<br>CATV | 46.25MHz - 168.25MHz<br>175.25MHz - 463.25MHz<br>471.25MHz - 863.25MHz<br>S01 - S41 / S75 - S79 (B/G), S01 - S20 / S75 - S77(L) | | |
| Intermediate Frequency | VIF<br>SIF | 38.9MHz<br>33.4MHz (5.5MHz:B/G)<br>32.4MHz (6.5MHz:L) | | |
| Colour Sub Carrier Frequency | PAL<br>SECAM<br>NTSC | 4.43MHz<br>4.40625MHz / 4.25MHz<br>3.58MHz / 4.43MHz | | |
| Power Input | | AC220V - AC240V, 50Hz | | |
| Power Consumption | | 59 W (Max) / 3 W (Standby) | | |
| Aerial Input Terminal | | 75Ω unbalanced, coaxial | | |
| Picture Tube Size | | Visible size : 34cm (14”), Measured diagonally (H: 28.7cm × V: 21.7cm) | | |
| High Voltage | | 26.5 kV (at zero bean current) | | |
| Speaker | | 5 cm × 9 cm, Oval type × 2 | | |
| Audio Output | | 2.5 W (THD10%) | | |
| REAR Input / Output | EXT-1<br>Video output<br>Audio output | 21-pin Euro connector (SCRAT socket) × 1<br>1V(p-p) 75Ω, RCA pin jack × 1<br>500mV(rms) (-4dBs), High Impedance, RCA pin jack × 1 | | |
| FRONT Input | Video<br>Audio | 1V(p-p) 75Ω, RCA pin jack × 1<br>500mV(rms) (-4dBs), High Impedance, RCA pin jack × 1 | | |
| Headphone jack | | Stereo mini jack 3.5mm | | |
| Remote Control Unit | | VE-30017763 (RM-C1100), AA/R06 dry battery × 2 | | |

Design & specifications are subject to change without notice.

# SECTION 1
# PRECAUTION

## 1.1 SAFETY PRECAUTIONS

(1) The design of this product contains special hardware, many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits. Service should be performed by qualified personnel only.

(2) Alterations of the design or circuitry of the products should not be made. Any design alterations or additions will void the manufacturer's warranty and will further relieve the manufacturer of responsibility for personal injury or property damage resulting therefrom.

(3) Many electrical and mechanical parts in the products have special safety-related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in the parts list of Service manual. **Electrical components having such features are identified by shading on the schematics and by ( ⚠ ) on the parts list in Service manual**. The use of a substitute replacement which does not have the same safety characteristics as the recommended replacement part shown in the parts list of Service manual may cause shock, fire, or other hazards.

(4) **Don't short between the LIVE side ground and ISOLATED (NEUTRAL) side ground or EARTH side ground when repairing.**
Some model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE : ( ⊥ ) side GND, the ISOLATED (NEUTRAL) : ( ⏚ ) side GND and EARTH : ( ⏚ ) side GND.
Don't short between the LIVE side GND and ISOLATED (NEUTRAL) side GND or EARTH side GND and never measure the LIVE side GND and ISOLATED (NEUTRAL) side GND or EARTH side GND at the same time with a measuring apparatus (oscilloscope etc.). If above note will not be kept, a fuse or any parts will be broken.

(5) If any repair has been made to the chassis, it is recommended that the B1 setting should be checked or adjusted (See ADJUSTMENT OF B1 POWER SUPPLY).

(6) The high voltage applied to the picture tube must conform with that specified in Service manual. Excessive high voltage can cause an increase in X-Ray emission, arcing and possible component damage, therefore operation under excessive high voltage conditions should be kept to a minimum, or should be prevented. If severe arcing occurs, remove the AC power immediately and determine the cause by visual inspection (incorrect installation, cracked or melted high voltage harness, poor soldering, etc.). To maintain the proper minimum level of soft X-Ray emission, components in the high voltage circuitry including the picture tube must be the exact replacements or alternatives approved by the manufacturer of the complete product.

(7) Do not check high voltage by drawing an arc. Use a high voltage meter or a high voltage probe with a VTVM. Discharge the picture tube before attempting meter connection, by connecting a clip lead to the ground frame and connecting the other end of the lead through a 10kΩ 2W resistor to the anode button.

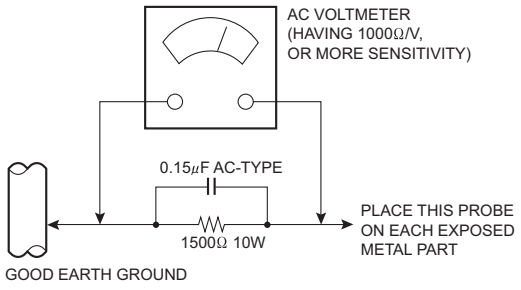
(8) When service is required, observe the original lead dress. Extra precaution should be given to assure correct lead dress in the high voltage circuit area. Where a short circuit has occurred, those components that indicate evidence of overheating should be replaced. Always use the manufacturer's replacement components.

(9) **Isolation Check (Safety for Electrical Shock Hazard)**
After re-assembling the product, always perform an isolation check on the exposed metal parts of the cabinet (antenna terminals, video/audio input and output terminals, Control knobs, metal cabinet, screw heads, earphone jack, control shafts, etc.) to be sure the product is safe to operate without danger of electrical shock.

a) **Dielectric Strength Test**
The isolation between the AC primary circuit and all metal parts exposed to the user, particularly any exposed metal part having a return path to the chassis should withstand a voltage of 3000V AC (r.m.s.) for a period of one second. (. . . Withstand a voltage of 1100V AC (r.m.s.) to an appliance rated up to 120V, and 3000V AC (r.m.s.) to an appliance rated 200V or more, for a period of one second.)
This method of test requires a test equipment not generally found in the service trade.

b) **Leakage Current Check**
Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Using a "Leakage Current Tester", measure the leakage current from each exposed metal part of the cabinet, particularly any exposed metal part having a return path to the chassis, to a known good earth ground (water pipe, etc.). Any leakage current must not exceed 0.5mA AC (r.m.s.).
However, in tropical area, this must not exceed 0.2mA AC (r.m.s.).

**Alternate Check Method**
Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Use an AC voltmeter having 1000Ω per volt or more sensitivity in the following manner. Connect a 1500Ω 10W resistor paralleled by a 0.15μF AC-type capacitor between an exposed metal part and a known good earth ground (water pipe, etc.). Measure the AC voltage across the resistor with the AC voltmeter. Move the resistor connection to each exposed metal part, particularly any exposed metal part having a return path to the chassis, and measure the AC voltage across the resistor. Now, reverse the plug in the AC outlet and repeat each measurement. Any voltage measured must not exceed 0.75V AC (r.m.s.). This corresponds to 0.5mA AC (r.m.s.).
However, in tropical area, this must not exceed 0.3V AC (r.m.s.). This corresponds to 0.2mA AC (r.m.s.).



# SECTION 2
# SPECIFIC SERVICE INSTRUCTIONS

## 2.1 FEATURES

- It is a remote controlled color television.
- It can tune cable channels.
- Controlling the TV is very easy by its menu driven system.
- It has Euroconnector sockets for external device.
- Front AV Input available.
- Full function Teletext (TOP & WST).
- It is possible to connect headphone.
- Direct channel access.
- APS (Automatic Programming System).
- All programs can be named.
- Forward or backward automatic tuning.
- Sleep timer.
- Child Lock.
- Automatic sound muting when no transmission.
- 5 minutes after the broadcasting (close down), the TV switches itself automatically to stand-by mode.

## 2.2 MAIN DIFFERENCE LIST

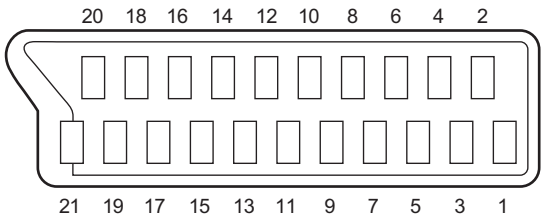
| Item | AV-14RM4SE | AV-14RM4SN | AV-14RM4SP |
|---|---|---|---|
| TV RF System | B/G,D/K | B/G | B/G, L |
| Colour System (TV mode) | PAL, SECAM | PAL | PAL, SECAM |
| MAIN PWB ASSY | VE-20159378 | VE-20159381 | VE-20159384 |

## 2.3 21-PIN EURO CONNECTOR (SCRAT) : EXT-1

| Pin No. | Signal designation | Matching value | EXT-1 |
|---|---|---|---|
| 1 | AUDIO R output | 500mV(rms) (Nominal), Low impedance | Used (TV OUT) |
| 2 | AUDIO R input | 500mV(rms) (Nominal), High impedance | Used (R1) |
| 3 | AUDIO L output | 500mV(rms) (Nominal), Low impedance | Used (TV OUT) |
| 4 | AUDIO GND | --- | Used |
| 5 | GND (B) | --- | Used |
| 6 | AUDIO L input | 500mV(rms) (Nominal), High impedance | Used (L1) |
| 7 | B input | 700mV$_{(B-W)}$, 75 Ω | Used |
| 8 | FUNCTION SW (SLOW SW) | Low : 0V-3V<br>High : 8V-12V, High impedance | Used |
| 9 | GND (G) | --- | Used |
| 10 | SCL / T-V LINK | --- | Not used |
| 11 | G input | 700mV(B-W), 75 Ω | Used |
| 12 | SDA3 | --- | Not used |
| 13 | GND (R) | --- | Used |
| 14 | GND (YS) | --- | Used |
| 15 | R / C input | R : 700mV$_{(B-W)}$, 75 Ω<br>C : 300mV$_{(P-P)}$, 75 Ω | Used (R) |
| 16 | Ys input (FAST SW) | Low : 0V-0.4V, 75 Ω<br>High : 1V-3V, 75 Ω | Used |
| 17 | GND (VIDEO output) | --- | Used |
| 18 | GND (VIDEO input) | --- | Used |
| 19 | VIDEO output | 1V$_{(P-P)}$ (Negative sync),75 Ω | Used (TV OUT) |
| 20 | VIDEO / Y input | 1V$_{(P-P)}$ (Negative sync), 75 Ω | Used |
| 21 | COMMON GND | --- | Used |

(P-P= Peak to Peak, B-W= Blanking to white peak)

[Pin assignment]



# SECTION 3
# DISASSEMBLY

## 3.1 DISASSEMBLY PROCEDURE

### 3.1.1 REMOVING THE REAR COVER

(1) Unplug the power cord.
(2) Remove the 5 screws marked **[A]**.
(3) Withdraw the REAR COVER toward you.

### 3.1.2 REMOVING THE MAIN PWB

- Remove the REAR COVER.
  (1) Slightly raise the both sides of the MAIN PWB by hand and withdraw the MAIN PWB backward.
  (If necessary, take off the wire clamp, connectors etc.)

### 3.1.3 REMOVING THE SPEAKER

- Remove the REAR COVER.
  (1) Remove the 4 screws marked **[B]**.
  (2) Remove the speaker toward you.

### 3.1.4 REMOVING THE FRONT AV JACK PWB

- Remove the REAR COVER.
- Remove the MAIN PWB.
  (1) Remove the 2 screws marked **[C]**.
  (2) Remove the FRONT AV JACK PWB.

### 3.1.5 REMOVING THE HEADPHONE JACK PWB

- Remove the REAR COVER.
- Remove the MAIN PWB.
  (1) Remove the 1 screw **[D]**.
  (2) Remove the HEADPHONE JACK PWB.

### 3.1.6 CHECKING THE PW BOARD

- To check the back side of the PW Board.
  (1) Pull out the PW Board. (Refer to REMOVING THE MAIN PWB).
  (2) Erect the PW Board vertically so that you can easily check the back side of the PW Board.

**CAUTION:**

- When erecting the PW Board, be careful so that there will be no contacting with other PW Board.
- Before turning on power, make sure that the wire connector is properly connected.
- When conducting a check with power supplied, be sure to confirm that the CRT EARTH WIRE (BRAIDED ASS'Y) is connected to the CRT SOCKET PW board.

### 3.1.7 WIRE CLAMPING AND CABLE TYING

(1) Be sure to clamp the wire.
(2) Never remove the cable tie used for tying the wires together.
Should it be inadvertently removed, be sure to tie the wires with a new cable tie.

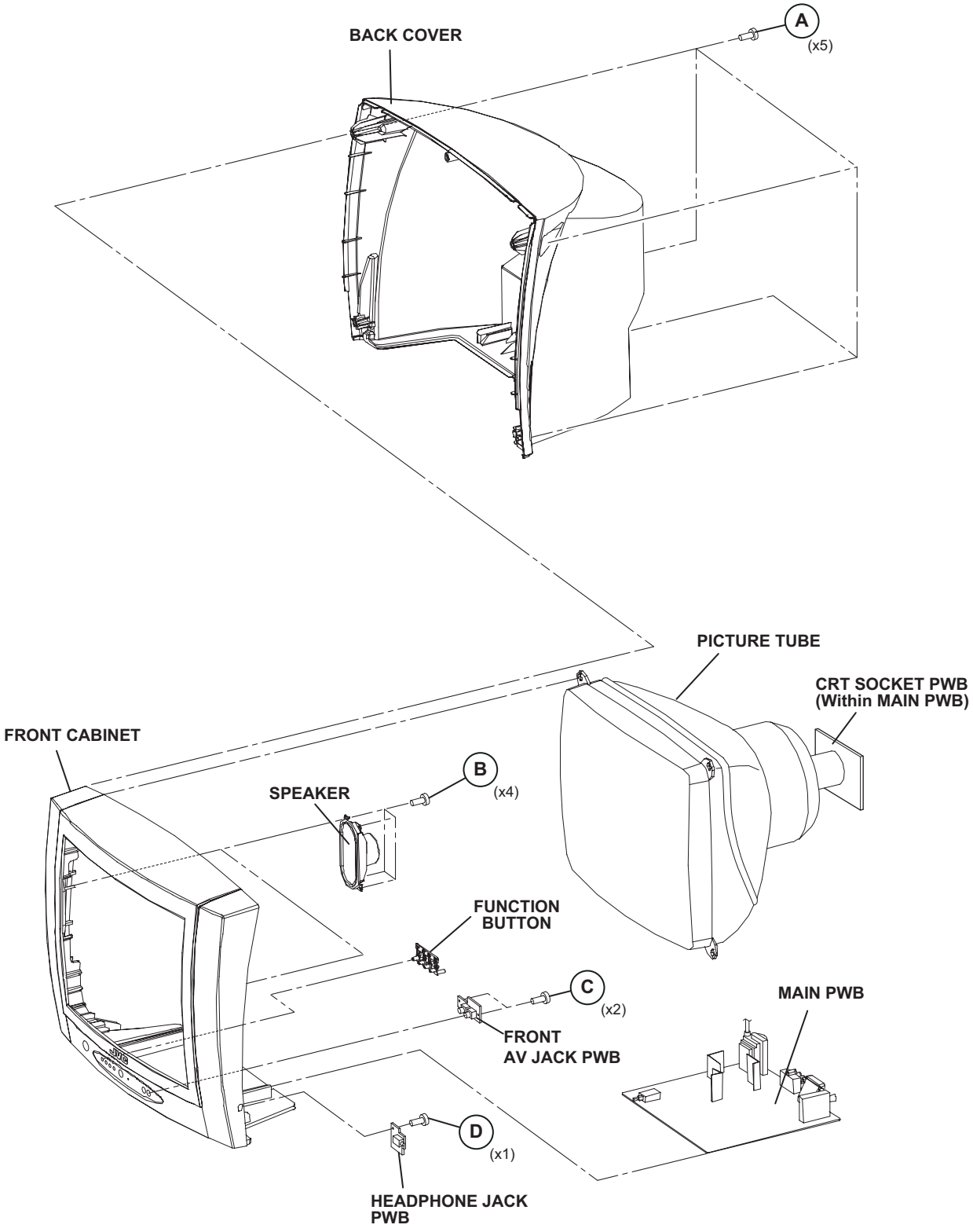

BACK COVER
A
(x5)
PICTURE TUBE
CRT SOCKET PWB
(Within MAIN PWB)
FRONT CABINET
B
(x4)
SPEAKER
FUNCTION
BUTTON
C
(x2)
MAIN PWB
FRONT
AV JACK PWB
D
(x1)
HEADPHONE JACK
PWB

Fig.1

### 3.2 REPLACEMENT OF MEMORY IC

#### 3.2.1 MEMORY IC

This model use a memory IC. This memory IC stores data for proper operation of the video and deflection circuits.
When replacing, be sure to use an IC containing this (initial vaue)data.

#### 3.2.2 PROCEDURE FOR REPLACING MEMORY IC

**PROCEDURE**

**1. Power off**
Switch the power off and unplug the power cord from the outlet

**2. Replace IC.**
Be sure to use memory IC written with the initial data values.

**3. Power on**
Plug the power cord into the outlet and switch the power on.

**4. SERVICE MENU setting**
(1) Press [MENU] key and, while the displayed MENU screen, press [4], [7], [2], [5] key on the remote control unit or press [MUTING] key and [INFORMATION] key at the simulta-neously.
(2) The SERVICE MENU screen of Fig. 1 will be displayed.
(3) Verify what to set in the SERVICE MENU, and set whatever is necessary (Fig.1). Refer to the SERVICE ADJUSTMENT for setting.
(4) Press the [STANDARD] key to exit SERVICE MENU.

**5. Receive channel setting**
Refer to the OPERATING INSTRUCTIONS (USER"S GUIDE) and set the receive channels (Channels Preset) as described.

**6. User settings**
Check the user setting items according to after page.
Where these do not agree, refer to the OPERATING INSTRUCTIONS (USER"S GUIDE) and set the items as described.

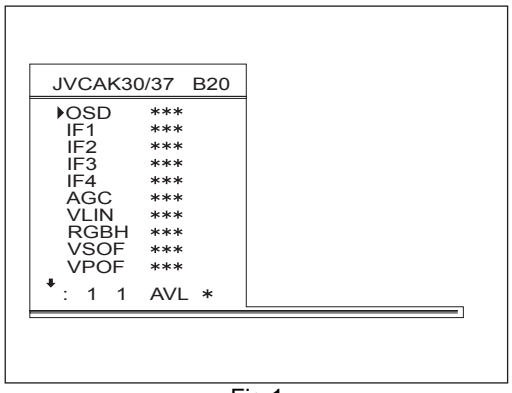



Fig.1

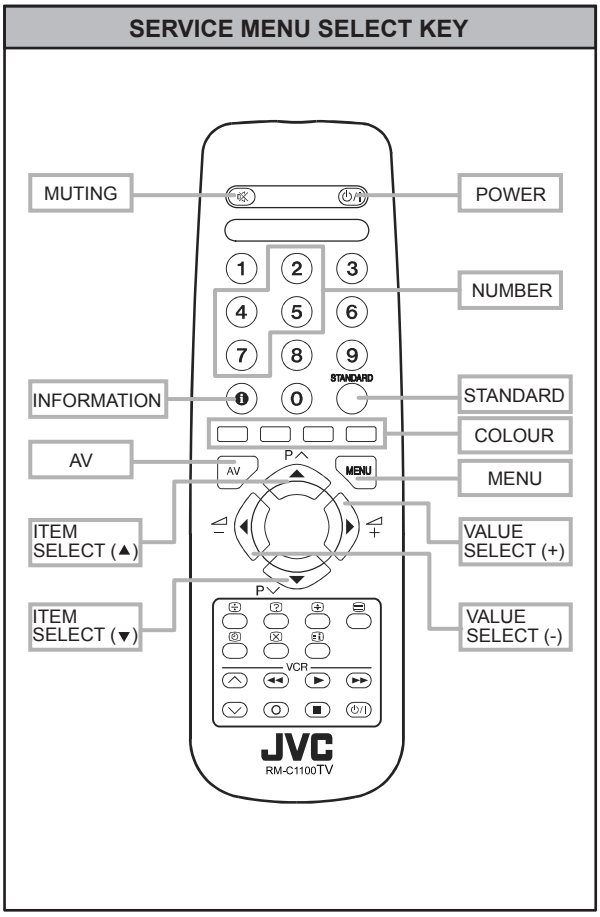



Fig.2

### 3.3 SETTING OF THE LAST MEMORY FOR SHIPMENT

#### 3.3.1 USER SETTING VALUES

<table>
<tr><th>Setting item</th><th>Setting value</th><th>Setting item</th><th>Setting value</th></tr>
<tr><td colspan="2">PICTURE MENU</td><td colspan="2">FEATURE MENU</td></tr>
<tr><td>BRIGHTNESS</td><td rowspan="5">These adjust are automatically restored when APS bit in Service menu is set.<br>The procedure for setting APS bit is described bellow.</td><td>SLEEP TIMER</td><td>OFF</td></tr>
<tr><td>CONTRAST</td><td>CHILD LOCK</td><td>OFF</td></tr>
<tr><td>COLOUR</td><td>LANGUAGE</td><td>ENGLISH</td></tr>
<tr><td>SHARPNESS</td><td>AV-1 OUTPUT</td><td>TV</td></tr>
<tr><td>HUE (only NTSC)</td><td colspan="2" rowspan="2"></td></tr>
<tr><td>MODE</td><td>AUTO</td></tr>
<tr><td colspan="2">SOUND MENU</td><td colspan="2">INSTALL</td></tr>
<tr><td>BALANCE</td><td>Center</td><td>PROGRAMME</td><td rowspan="6">Refer to the INSTRUCTION BOOK</td></tr>
<tr><td>BASS</td><td>Center</td><td>BAND</td></tr>
<tr><td>TREBLE</td><td>Center</td><td>CHANNEL</td></tr>
<tr><td>MODE</td><td>MONO</td><td>SERCH</td></tr>
<tr><td>EFFECT</td><td>OFF</td><td>FINE TUNING</td></tr>
<tr><td colspan="2"></td><td>STORE</td></tr>
</table>

#### 3.3.2 SETTING APS BIT IN SERVICE MENU

(1) Press the [**INFORMATION**] and [**MUTING**] keys enter service menu in TV mode simultaneously. Service Menu will appear.
(2) Press the [▲]/[▼] key to select TX1(TELETEXT OPTION).
(3) Press the [**7**] key to set APS bit. (After this, bit 7 of TX1 will be "1")
(4) Press [**STANDARD**] key to exit service mode.

NOTE : DO NOT TURN OFF THE TV BY USING POWER BUTTON ON THE FRONT PANEL.

### 3.4 REPLACEMENT OF CHIP COMPONENT

#### 3.4.1 CAUTIONS

(1) Avoid heating for more than 3 seconds.
(2) Do not rub the electrodes and the resist parts of the pattern.
(3) When removing a chip part, melt the solder adequately.
(4) Do not reuse a chip part after removing it.

#### 3.4.2 SOLDERING IRON

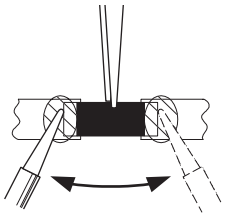
(1) Use a high insulation soldering iron with a thin pointed end of it.
(2) A 30w soldering iron is recommended for easily removing parts.

#### 3.4.3 REPLACEMENT STEPS

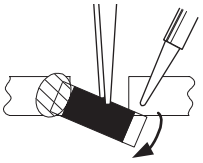
**1. How to remove Chip parts**

**[Resistors, capacitors, etc.]**

(1) As shown in the figure, push the part with tweezers and alternately melt the solder at each end.



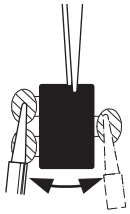
(2) Shift with the tweezers and remove the chip part.



**[Transistors, diodes, variable resistors, etc.]**

(1) Apply extra solder to each lead.

(2) As shown in the figure, push the part with tweezers and alternately melt the solder at each lead. Shift and remove the chip part.



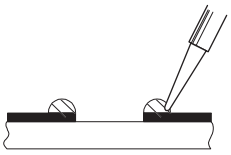
**NOTE :**

After removing the part, remove remaining solder from the pattern.

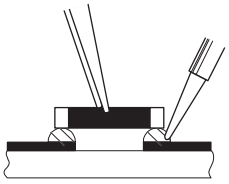
**2. How to install Chip parts**

**[Resistors, capacitors, etc.]**

(1) Apply solder to the pattern as indicated in the figure.

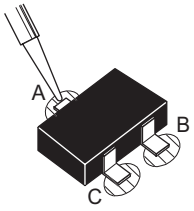


(2) Grasp the chip part with tweezers and place it on the solder. Then heat and melt the solder at both ends of the chip part.

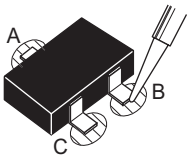


**[Transistors, diodes, variable resistors, etc.]**

(1) Apply solder to the pattern as indicated in the figure.
(2) Grasp the chip part with tweezers and place it on the solder.
(3) First solder lead **A** as indicated in the figure.




(4) Then solder leads **B** and **C**.



# SECTION 4
# ADJUSTMENT

## 4.1 ADJUSTMENT PREPARATION

(1) You can make the necessary adjustments for this unit with either the Remote Control Unit or with the adjustment tools and parts as given below.
(2) Adjustment with the Remote Control Unit is made on the basis of the initial setting values, however, the new setting values which set the screen to its optimum condition may differ from the initial settings.
(3) Make sure that AC power is turned on correctly.
(4) Turn on the power for set and test equipment before use, and start the adjustment procedures after waiting at least 30 minutes.
(5) Unless otherwise specified, prepare the most suitable reception or input signal for adjustment.
(6) Never touch any adjustment parts which are not specified in the list for this adjustment - variable resistors, transformers, condensers, etc.
(7) Presetting before adjustment.
Unless otherwise specified in the adjustment instructions, preset the following functions with the remote control unit:

| Setting item | Setting value |
|---|---|
| BRIGHTNESS | Center |
| CONTRAST | |
| COLOUR | |
| SHARPNESS | |

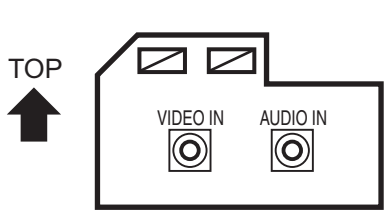
## 4.2 MEASURING EQUIPMENT

(1) DC voltmeter (or digital voltmeter)
(2) Signal generator (Pattern generator)
[PAL / SECAM / NTSC]
(3) Remote control unit

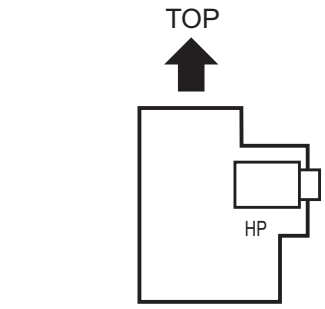
## 4.3 ADJUSTMENT ITEM

- FOCUS ADJUSTMENT
- SCREEN ADJUSTMENT
- OSD HORIZONTAL POSITION ADJUSTMENT
- IF ADJUSTMENT
- AGC AUTOMATICALLY ADJUSTMENT
- DEFLECTION ADJUSTMENT
- WHITE BALANCE ADJUSTMENT

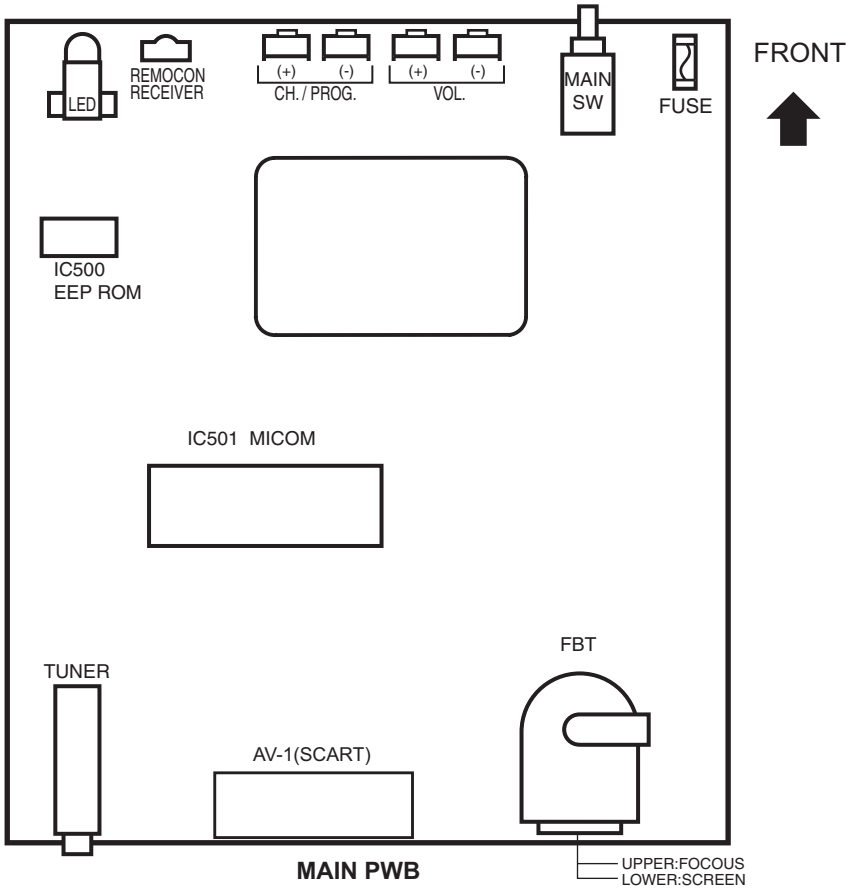
## 4.4 ADJUSTMENT LOCATIONS




**FRONT AV JACK PWB**




**HEADPHONE JACK PWB**




**MAIN PWB**

## 4.5 BASIC OPERATION OF SERVICE MODE

### 4.5.1 HOW TO ENTER THE SERVICE MODE

(1) Press the [MENU] key.
(2) MENU screen will be displayed.(Fig.1)

**MENU SCREEN**

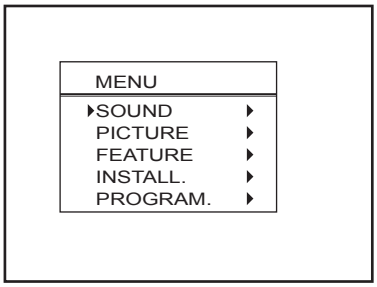



Fig.1

(3) While the MENU screen is displayed , press the [4], [7], [2], [5] key or [INFORMATION] key and [MUTING] key simultaneously.
(4) The SERVICE MENU screen will be displayed.(Fig.2)

**SERVICE MENU**

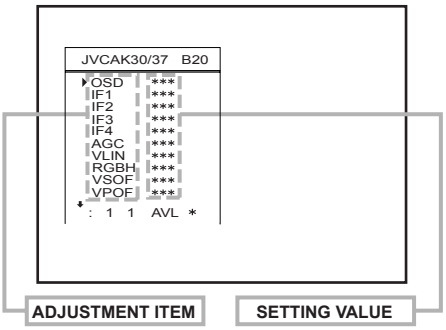



Fig.2

### 4.5.2 SELECTION OF ADJUSTMENT ITEMS

(1) Enter the SERVICE MODE
(2) Press the FUNCTION [▲]/[▼] key to select the adjustment item.
(3) Press the FUNCTION [◀]/[▶] key to set the setting value.

### 4.5.3 HOW TO EXIT SERVICE MODE

(1) Press the [STANDARD] key.

### 4.5.4 HOW TO ENTER THE GEOMETRY MENU

This model is built-in GEOMETRY MENU for geometry adjustment.

(1) Enter the SERVICE MENU
(2) Press the [GREEN] key, geometry menu appears (Fig. 3).
(3) Press the FUNCTION [▲]/[▼] key to select the adjustment item.
(4) Press the FUNCTION [◀]/[▶] key to set the setting value.

**GEOMETRY MENU**

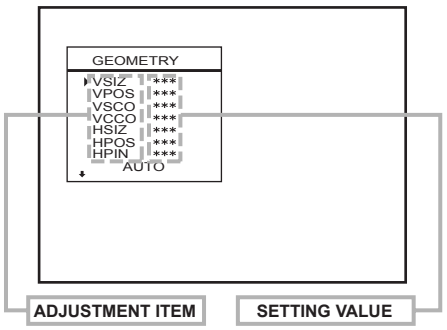
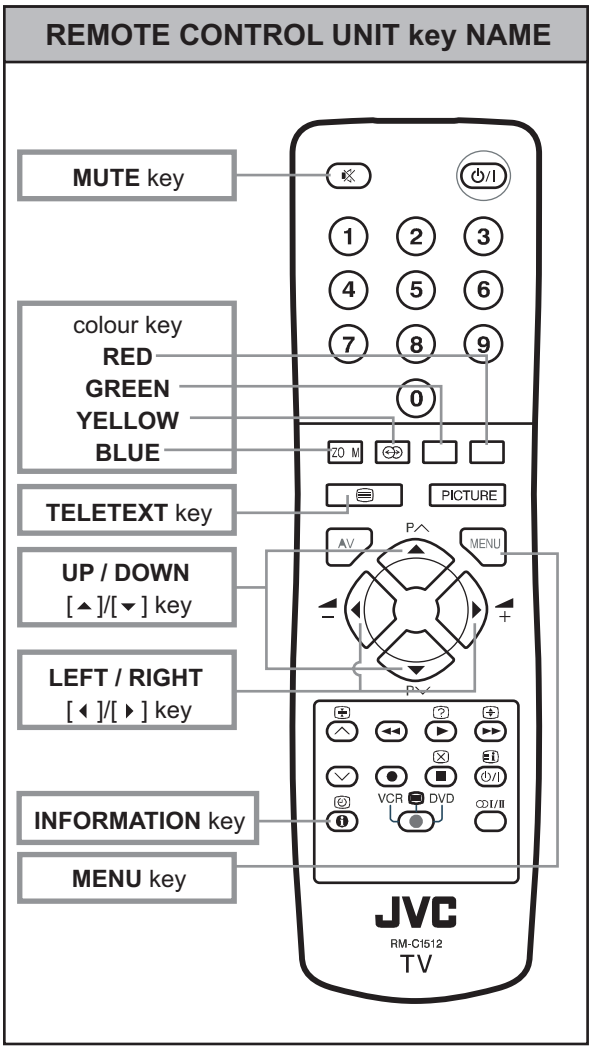



Fig.3

**REMOTE CONTROL UNIT key NAME**



### 4.5.5 ADJUSTMENT ITEM

#### 4.5.5.1 SERVICE MENU

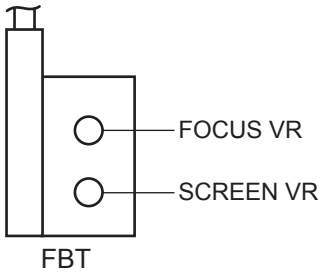
| Adjustment item | Description |
|---|---|
| OSD | HORIZONTAL POSITION OF OSD |
| IF1 | IF COARSE ADJUSTMENT |
| IF2 | IF FINE ADJUSTMENT |
| IF3 | IF COARSE ADJUSTMENT FOR L-PRIME |
| IF4 | IF FINE ADJUSTMENT FOR L-PRIME |
| AGC | AUTOMATIC GAIN CONTROL |
| VLIN | VERTICAL LINEARITY |
| RGBH | RGB MODE HORIZONTAL SHIFT OFFSET |
| VSOF | VERTICAL SIZE OFFSET for 60Hz |
| VPOF | VERTICAL POSITION OFFSET for 60Hz |
| HSOF | HORIZONTAL SIZE OFFSET for 60Hz |
| HPOF | HORIZONTAL POSITION OFFSET for 60Hz |
| HTOF | HORIZONTAL TRAPEZOID OFFSET for 60Hz |
| WR | WHITE POINT ADJUSTMENT FOR RED |
| WG | WHITE POINT ADJUSTMENT FOR GREEN |
| WB | WHITE POINT ADJUSTMENT FOR BLUE |
| BR | BIAS FOR RED |
| BG | BIAS FOR GREEN |
| APR | AUTOMATIC RGB PEAK REGULATION THRESHOLD |
| BRI | BRIGHTNESS |
| CON | CONTRAST |
| COL | COLOUR |
| SHA | SHARP |
| HUE | HUE |
| VOL | VOLUME |
| WR-R | WHITE POINT ADJUSTMENT for RED (RGBmode) |
| WG-R | WHITE POINT ADJUSTMENT for GREEN (RGBmode) |
| WB-R | WHITE POINT ADJUSTMENT for BLUE (RGBmode) |
| FMP1 | FM PRESCALER WHEN AVL IS OFF |
| NIP1 | NICAM PRESCALER WHEN AVL IS OFF |
| SCP1 | SCART PRESCALER WHEN AVL IS OFF |
| SEC1 | SECAM PRESCALER WHEN AVL IS OFF |
| FMP2 | FM PRESCALER WHEN AVL IS ON |
| NIP2 | NICAM PRESCALER WHEN AVL IS ON |
| SCP2 | SCART PRESCALER WHEN AVL IS ON |
| SEC2 | SECAM PRESCALER WHEN AVL IS ON |
| F1H | HIGH BYTE OF VHF1-VHF3 CROSS-OVER FREQUENCY |
| F1L | LOW BYTE OF VHF1-VHF3 CROSS-OVER FREQUENCY |
| F2H | HIGH BYTE OF VHF3-UHF CROSS-OVER FREQUENCY |
| F2L | LOW BYTE OF VHF3-UHF CROSS-OVER FREQUENCY |
| BS1 | BAND SWITCHING BYTE FOR VHF1 |
| BS2 | BAND SWITCHING BYTE FOR VHF3 |
| BS3 | BAND SWITCHING BYTE FOR UHF |
| CB | CONTROL BYTE |
| OP1 | PERIPHERAL OPTIONS |
| OP2 | RECEPTION STANDARD OPTIONS |
| OP3 | VIDEO OPTIONS |
| OP4 | TV FEATURES |
| OP5 | CHANNEL TABLES |
| TX1 | TELETEXT OPTIONS |
| GEOM | GEOMETRY OPTIONS |
| OP8 | PIP PRESET CHANGE |

#### 4.5.5.2 GEOMETRY MENU

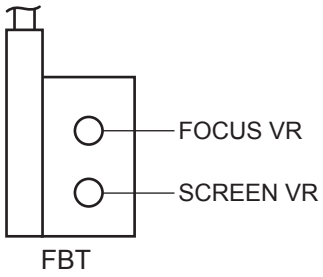
| Adjustment item | Description |
|---|---|
| VSIZ | VERTICAL SIZE for 50Hz |
| VPOS | VERTICAL POSITION for 50Hz |
| VSCO | VERTICAL S-CORRECTION for 50Hz |
| VCCO | VERTICAL CORNER CORRECTION for 50Hz |
| HSIZ | HORIZONTAL SIZE for 50Hz |
| HPOS | HORIZONTAL POSITION for 50Hz |
| HPIN | HORIZONTAL PINCUSHION for 50Hz |
| HCCO | HORIZONTAL CORNER CORRECTION for 50H |
| HTRP | HORIZONTAL TRAPEZOID for 50Hz |
| VZSZ | VERTICAL ZOOM SIZE for 50Hz |

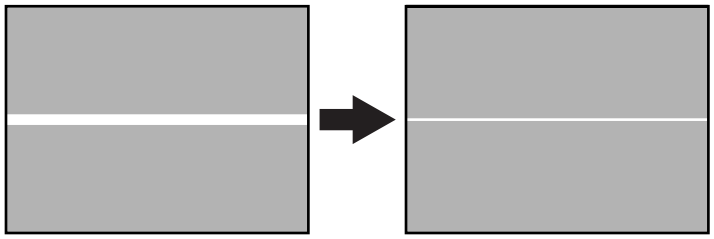
## 4.6 ADJUSTMENTS PROCEDURE

### 4.6.1 FOCUS ADJUSTMENT

| Item | Measuring instrument | Test point | Adjustment part | Description |
|---|---|---|---|---|
| **FOCUS adjustment** | Signal generator<br><br>Remote control unit | | **FOCUS VR**<br>[On the FBT] | (1) Receive a PAL cross-hatch signal.<br>(2) Adjust **FOCUS VR** on the FBT as thin as possible.<br>  |

### 4.6.2 SCREEN ADJUSTMENT

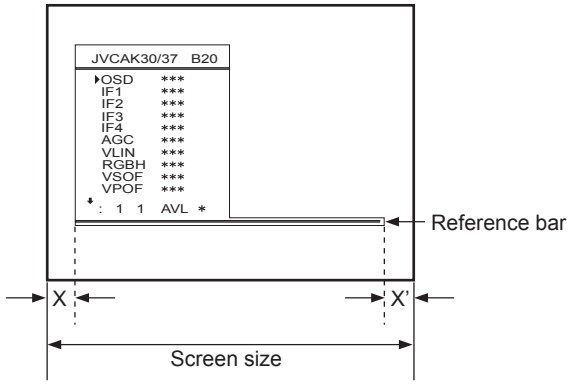
| Item | Measuring instrument | Test point | Adjustment part | Description |
|---|---|---|---|---|
| **SCREEN adjustment** | Remote control unit | | **SCREEN VR**<br>[On the FBT] | (1) Enter the SERVICE MENU.<br>(2) Press the **[YELLOW]** key to disable vertical scan.<br>(3) Adjust **SCREEN VR**. on the FBT as thin as possible.<br>(4) Press **[YELLOW]** key again to enable vertical scan.<br>(5) Press **[STANDARD]** key to leave service menu.<br>  |



### 4.6.3 OSD ADJUSTMENT

| Item | Measuring instrument | Test point | Adjustment part | Description |
|---|---|---|---|---|
| **HORIZONTAL POSITION OF OSD adjustment** | Remote control unit | | **OSD** | (1) Enter the SERVICE MENU.<br>(2) Select **OSD** with the [▲]/[▼] key.<br>(3) Adjust the **OSD** horizontal position with the [◀]/[▶] key, which shifts the reference bar on the bottom of the SERVICE MENU horizontally, so that the **OSD** is positioned on the screen center. (X=X') |

SERVICE MENU SCREEN

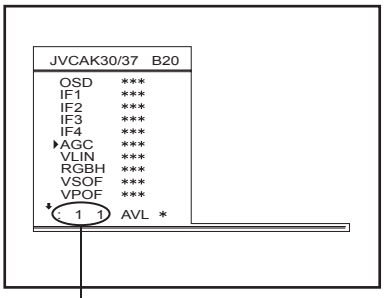


### 4.6.4 IF ADJUSTMENT

| Item | Measuring instrument | Test point | Adjustment part | Description |
|---|---|---|---|---|
| **IF adjustment** | Remote control unit | | **IF 1**<br>**IF 2**<br>**IF 3**<br>**IF 4** | (1) Receive a PAL colour bar pattern.<br>(2) Enter the SERVICE MENU.<br>(3) Select **IF 1** with the [▲]/[▼] key.<br>(4) Press **[BLUE]** key during **IF 1** is highlighted, **IF 1** and **IF 2** values are adjusted automatically by software.<br>(5) If the standard is L-prime, **IF 3** and **IF 4** values are adjustment automatically when **[BLUE]** key is pressed during **IF 1** is highlighted. |

### 4.6.5 AGC AUTOMATICALLY ADJUSTMENT

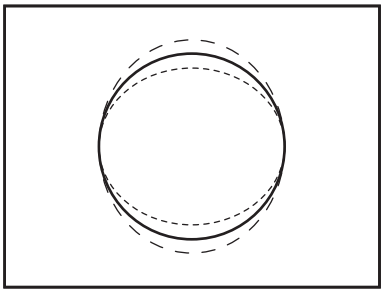
| Item | Measuring instrument | Test point | Adjustment part | Description |
|---|---|---|---|---|
| **AGC AUTOMATICALLY adjustment** | Remote control unit | | **AGC** | (1) Receive a 60dBmV RF signal level.<br>(2) Enter the SERVICE MENU.<br>(3) Select **AGC** with the [▲]/[▼] key.<br>(4) Press **[BLUE]** key.<br>(5) The adjustment will be done automatically by software.<br>(6) See the AGC indicator on SERVICE MENU, it must be "**1**".<br>(7) Check that picture is normal at 90dBmV signal level. |

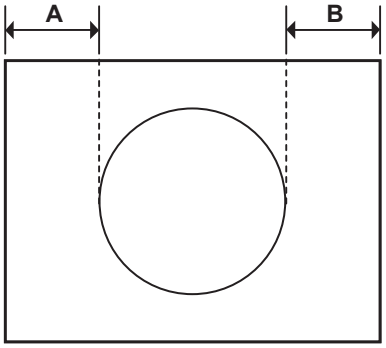
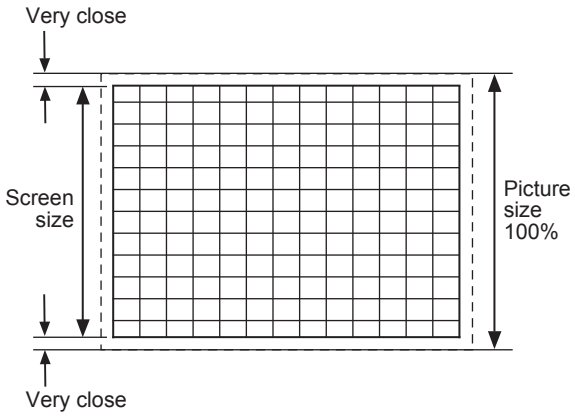
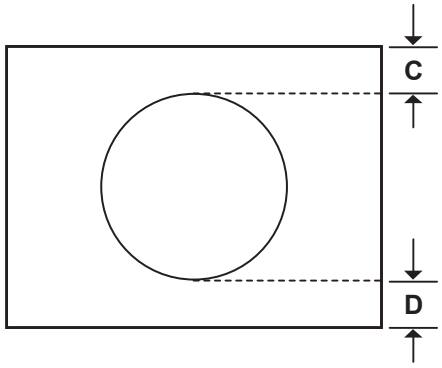


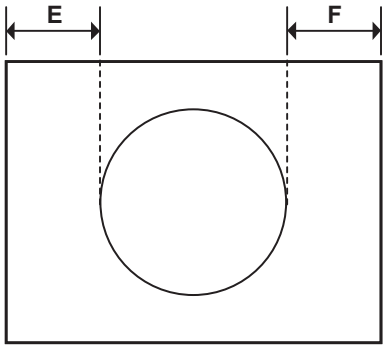
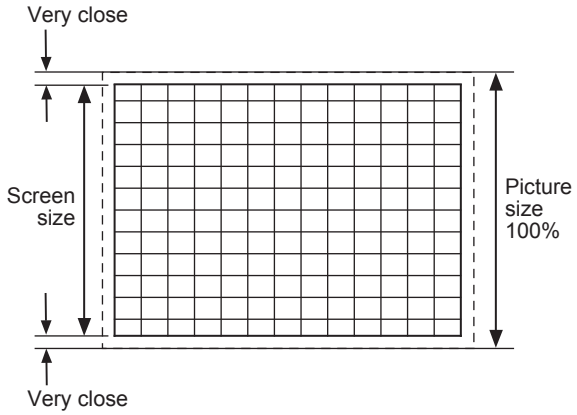
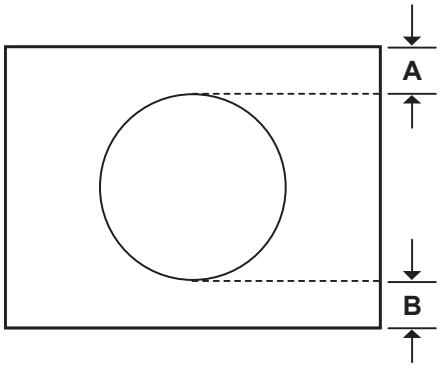

| IF INDICATOR | AGC INDIXATOR | NON |
|---|---|---|
| : | 1 | 1 |

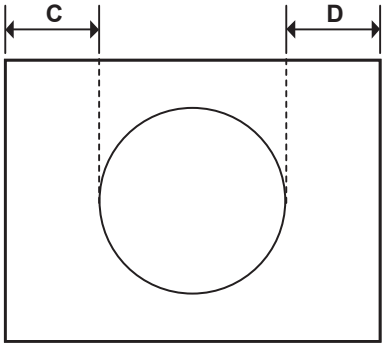
### 4.6.6 DEFLECTION ADJUSTMENT

| Item | Measuring instrument | Test point | Adjustment part | Description |
|---|---|---|---|---|
| **VERTICAL LINEARITY adjustment** | Signal generator<br><br>Remote control unit | | **VLIN** | (1) Receive a PAL circle pattern.<br>(2) Enter the SERVICE MENU.<br>(3) Select **VLIN** with the [▲]/[▼] key.<br>(4) Adjust **VLIN** with the [◀]/[▶] key until circle as round as possible. |



| Item | Measuring instrument | Test point | Adjustment part | Description |
|---|---|---|---|---|
| **RGB MODE HORIZONTAL SHIFT adjustment** | Signal generator<br><br>Remote control unit | | **RGBH** | (1) Input R/G/B circle pattern signal via video input terminal.<br>(2) Press **[AV]** key, force the TV to RGB mode.<br>(3) Enter the SERVICE MENU.<br>(4) Select **RGBH** with the [▲]/[▼] key.<br>(5) Adjust **RGBH** with the [◀]/[▶] key until the circle pattern is horizontally centered. (A=B)<br>(6) Check and readjust **RGBH** item if the adjustment becomes improper after some other geometric adjustments are done. |
|  | | | | |
| **VERTICAL SIZE OFFSET (60Hz) adjustment** | Signal generator<br><br>Remote control unit | | **VSOF** | (1) Receive a NTSC-M cross-hatch pattern of vertical frequency 60Hz.<br>(2) Enter SERVICE MENU.<br>(3) Select **VSOF** with the [▲]/[▼] key.<br>(4) Adjust **VSOF** with the [◀]/[▶] key until the horizontal black lines on both the upper and lower part of the pattern become very close to the upper and lower horizontal sides of picture size and nearly about to disappear.<br>(5) Check and readjust **VSOF** item if the adjustment becomes improper after some other geometric adjustments are done. |
|  | | | | |
| **VERTICAL POSITION OFFSET (60Hz) adjustment** | Signal generator<br><br>Remote control unit | | **VPOF** | (1) Receive a NTSC circle pattern of vertical frequency 60Hz.<br>(2) Enter the SERVICE MENU.<br>(3) Select **VPOF** with the [▲]/[▼] key.<br>(4) Adjust **VPOF** with the [◀]/[▶] key until the picture is vertically centered. (C=D)<br>(5) Check and readjust vertical position item if the adjustment becomes improper after some other geometric adjustments are done. |
|  | | | | |

| Item | Measuring instrument | Test point | Adjustment part | Description |
|---|---|---|---|---|
| **HORIZONTAL POSITION OFFSET (60Hz) adjustment** | Signal generator<br><br>Remote control unit | | **HPOF** | (1) Receive a NTSC circle pattern signal of vertical frequency 60Hz.<br>(2) Enter the SERVICE MENU.<br>(3) Select **HPOF** with the [▲]/[▼] key.<br>(4) Adjust **HPOF** with the [◀]/[▶] key until the circle pattern is horizontally centered. (E=F)<br>(5) Check and readjust a horizontal position item if the adjustment becomes improper after some other geometric adjustments are done. Press the **[MENU]** key and memorize the set value. |
|  | | | | |
| **VERTICAL SIZE (50Hz) adjustment** | Signal generator<br><br>Remote control unit | | **VSIZ** | (1) Receive a PAL crosshatch pattern of vertical frequency 50Hz.<br>(2) Enter the SERVICE MENU.<br>(3) Press the **[GREEN]** key to enter the GEOMETRY MENU.<br>(4) Select **VSIZ** (Vertical size) with the [▲]/[▼] key.<br>(5) Adjust **VSIZ** with the [◀]/[▶] key until the horizontal black lines on both the upper and lower horizontal sides of picture size and nearly about to disappear.<br>(6) Check and readjust **VSIZ** item if the adjustment becomes improper after some other geometric adjustments are done. |
|  | | | | |
| **VERTICAL POSITION (50Hz) adjustment** | Signal generator<br><br>Remote control unit | | **VPOS** | (1) Receive a PAL circle pattern signal of vertical frequency 50Hz.<br>(2) Enter the GEOMETRY MENU.<br>(3) Select **VPOS** (Vertical position) with the [▲]/[▼] key.<br>(4) Adjust **VPOS** with the [◀]/[▶] key until the circle pattern is vertically centered. (A=B)<br>(5) Check and readjust **VPOS** item if the adjustment becomes improper after some other geometric adjustments are done. |
|  | | | | |

| Item | Measuring instrument | Test point | Adjustment part | Description |
|---|---|---|---|---|
| **HORIZONTAL POSITION OFFSET (50Hz) adjustment** | Signal generator<br><br>Remote control unit | | **HPOS** | (1) Receive a PAL circle pattern signal of vertical frequency 50Hz.<br>(2) Enter the GEOMETRY MENU.<br>(3) Select **HPOS** (Horizontal position) with the [▲]/[▼] key.<br>(4) Adjust **HPOS** with the [◀]/[▶] key until the circle pattern is horizontally centered. (C=D)<br>(5) Check and readjust **HPOS** item if the adjustment becomes improper after some other geometric adjustments are done. |
|  | | | | |

**4.6.7 VIDEO CIRCUIT**

| Item | Measuring instrument | Test point | Adjustment part | Description |
|---|---|---|---|---|
| **WHITE BALANCE (Low light) adjustment** | SIgnal generator<br><br>Remote control unit | | **WR**<br>**WG**<br>**WB** | (1) Receive a black & white signal (colour off).<br>(2) Enter the SERVICE MENU.<br>(3) Select **WR** / **WG** / **WB** with the [▲]/[▼] key respectively.<br>(4) Adjust **WR** / **WG** / **WB** with the [◀]/[▶] key, respectively, until the white part turns to pure white without any other colour. |
| **WHITE BALANCE (High light) adjustment** | SIgnal generator<br><br>Remote control unit | | **BR**<br>**BG** | (1) Receive a black & white signal (colour off).<br>(2) Enter the SERVICE MENU.<br>(3) Select **BR** / **BG** with the [▲]/[▼] key respectively.<br>(4) Adjust **BR** / **BG** with the [◀]/[▶] key, respectively until the white part of screen make white colour. |

# SECTION 5
# TROUBLESHOOTING

This service manual does not describe TROUBLESHOOTING.

JVC
Victor Company of Japan, Limited
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(No.YA081)

Printed in Japan
VPT

# AV-14RM4SE
# AV-14RM4SN
# AV-14RM4SP

# STANDARD CIRCUIT DIAGRAM

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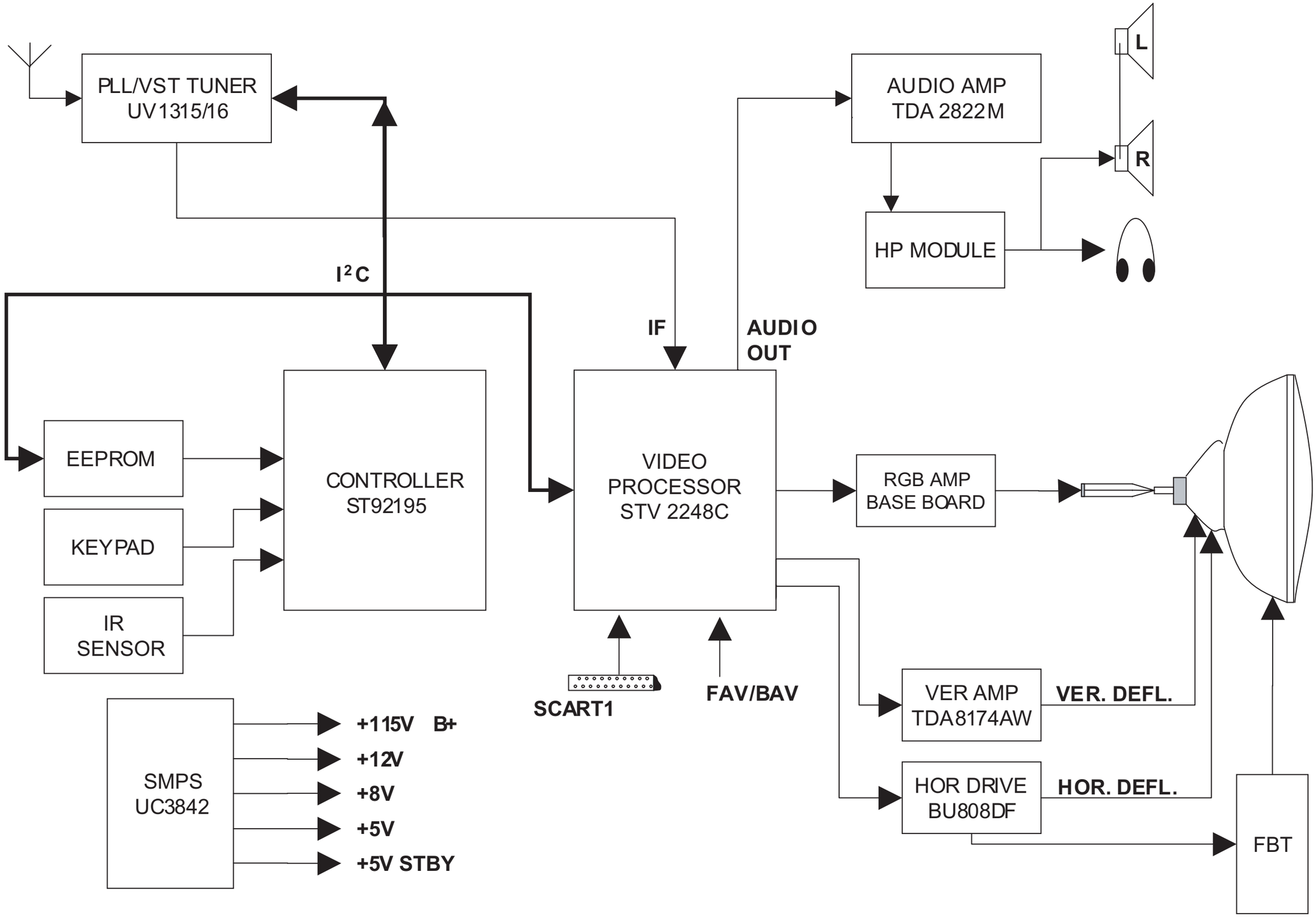
## USING P.W. BOARD

| P.W.B ASS'Y name | AV-14RM4SE | AV-14RM4SP | AV-14RM4SN |
|---|---|---|---|
| MAIN PWB | VE-20159378 | VE-20159384 | VE-20159381 |
| HEADPHONE JACK PWB | VE-20170438 | ← | ← |
| FRONT AV JACK PWB | VE-20124552 | ← | ← |

**BLOCK DIAGRAM**

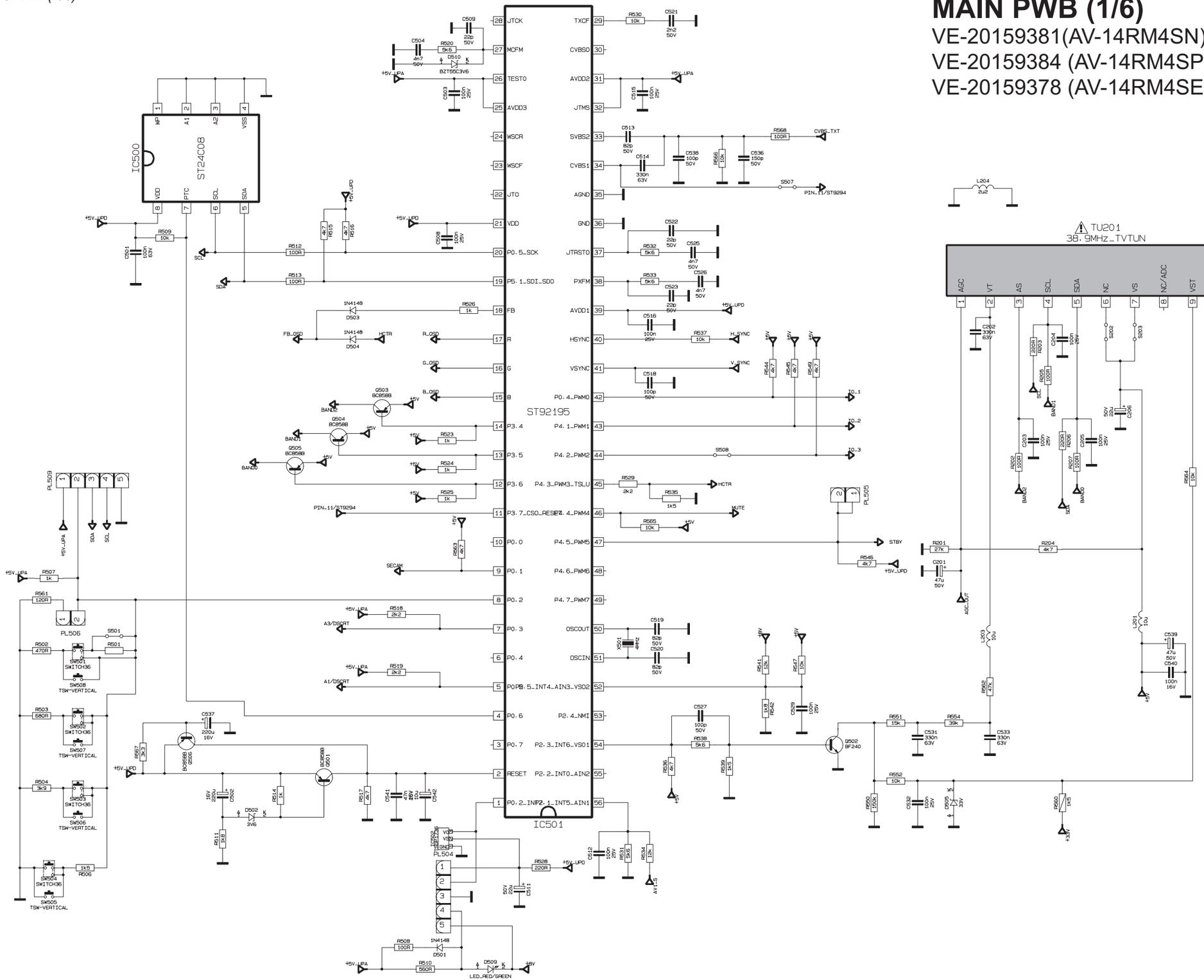


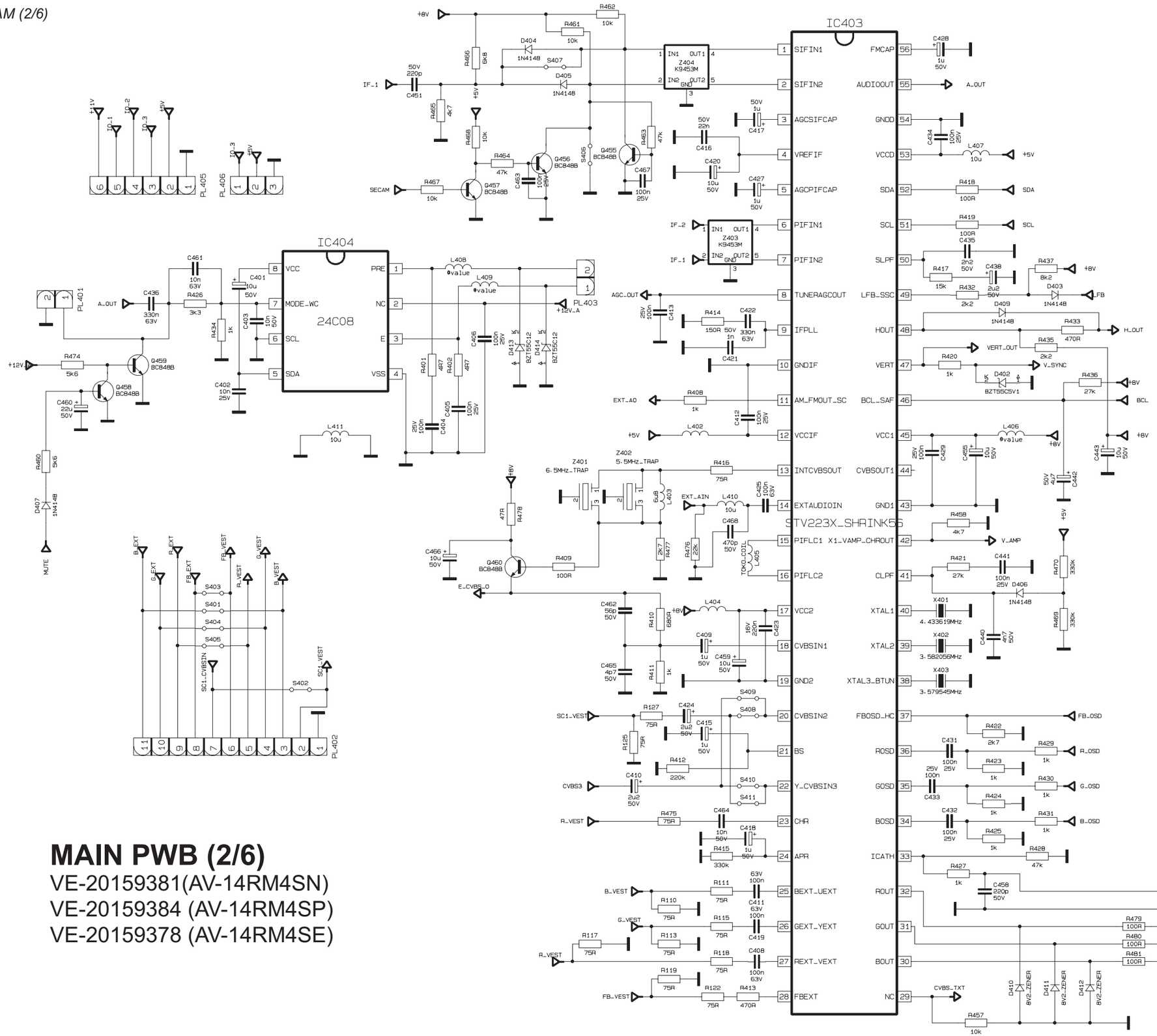
## CIRCUIT DIAGRAMS

*MAIN PWB CIRCUIT DIAGRAM (1/6)*

# MAIN PWB (1/6)

VE-20159381(AV-14RM4SN)
VE-20159384 (AV-14RM4SP)
VE-20159378 (AV-14RM4SE)



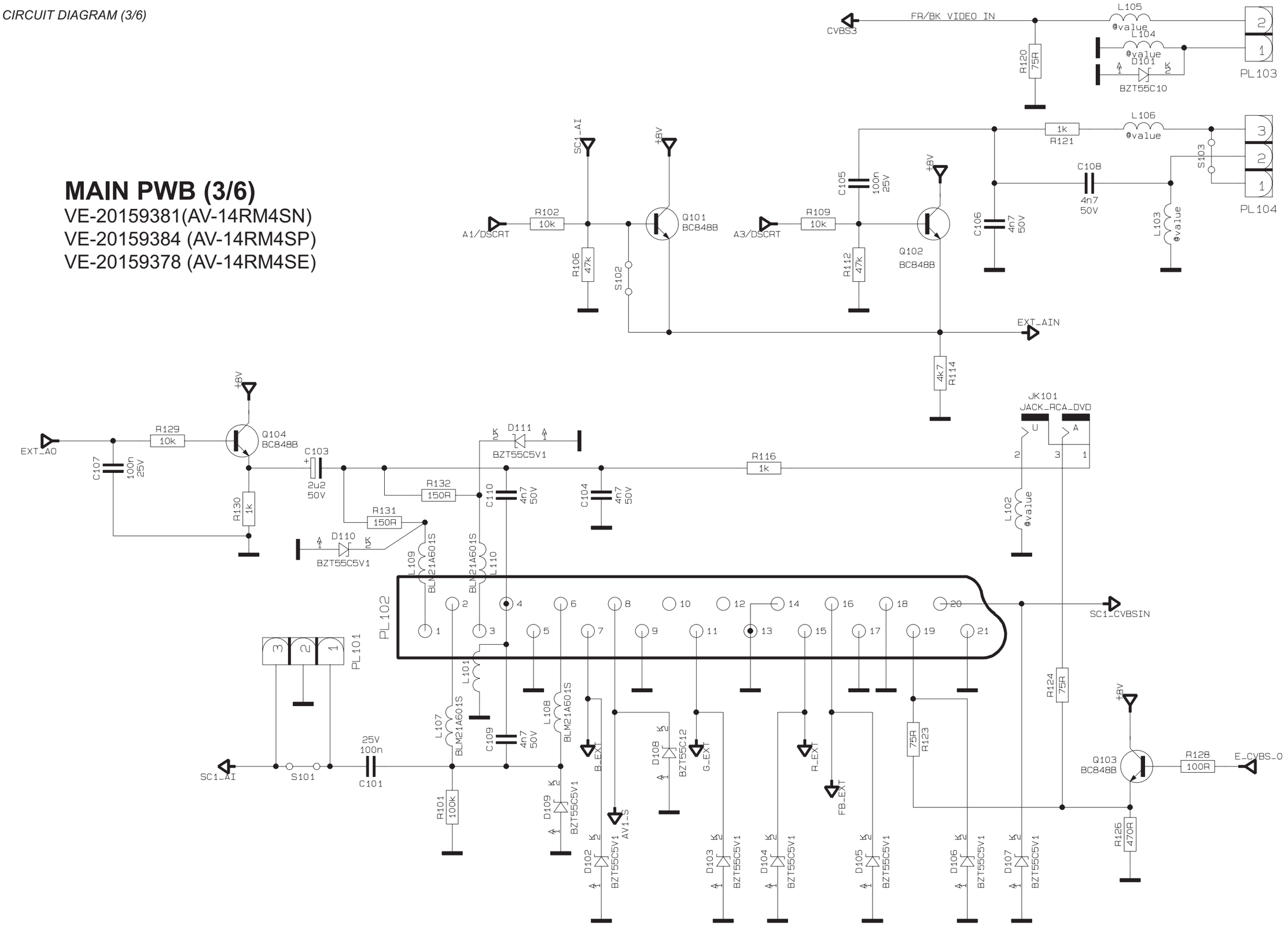


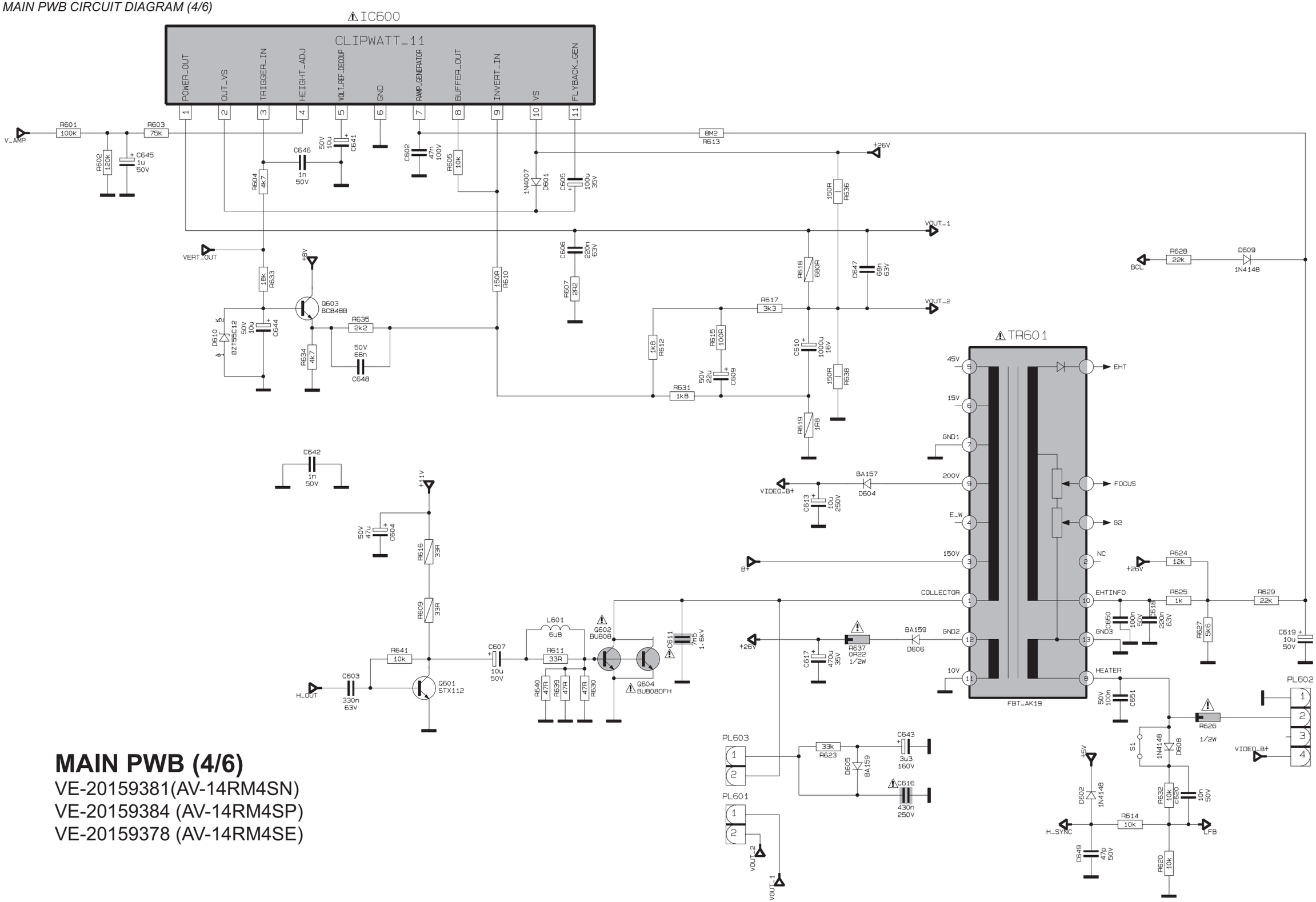

# MAIN PWB (2/6)

VE-20159381(AV-14RM4SN)
VE-20159384 (AV-14RM4SP)
VE-20159378 (AV-14RM4SE)

# MAIN PWB (3/6)

VE-20159381(AV-14RM4SN)
VE-20159384 (AV-14RM4SP)
VE-20159378 (AV-14RM4SE)



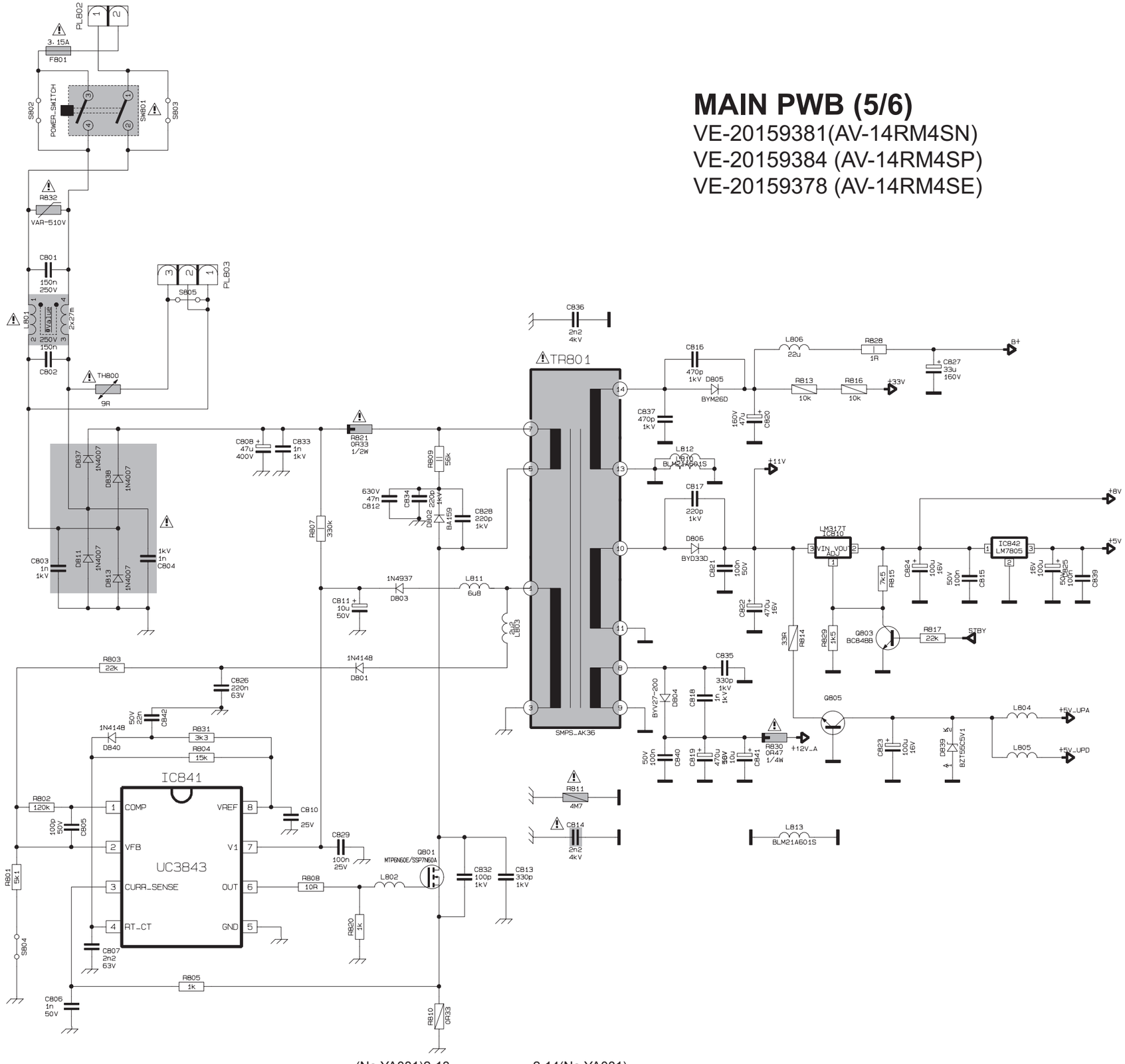



# MAIN PWB (4/6)

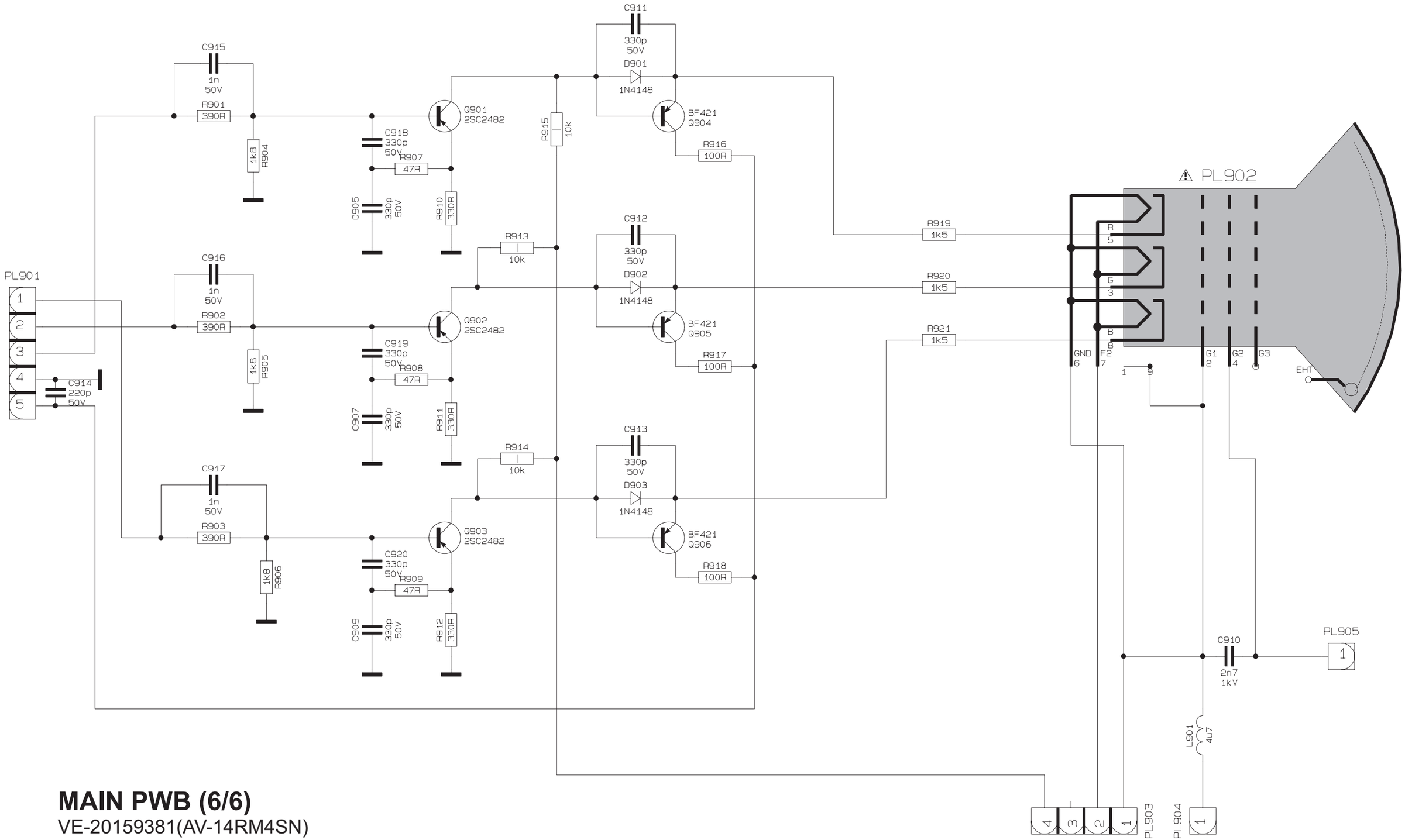
VE-20159381(AV-14RM4SN)
VE-20159384 (AV-14RM4SP)
VE-20159378 (AV-14RM4SE)

# MAIN PWB (5/6)

VE-20159381(AV-14RM4SN)
VE-20159384 (AV-14RM4SP)
VE-20159378 (AV-14RM4SE)



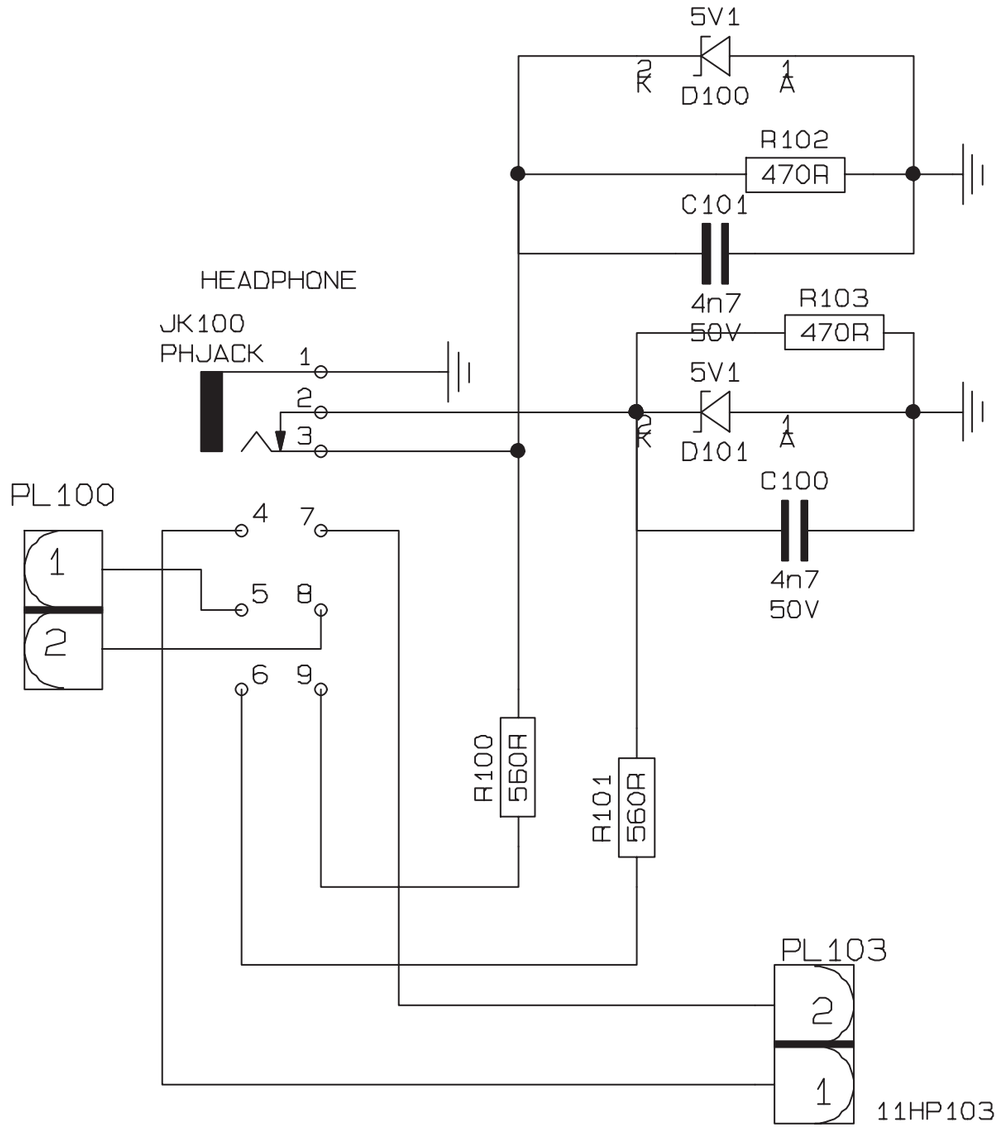
*MAIN PWB CIRCUIT DIAGRAM (6/6)*




# MAIN PWB (6/6)

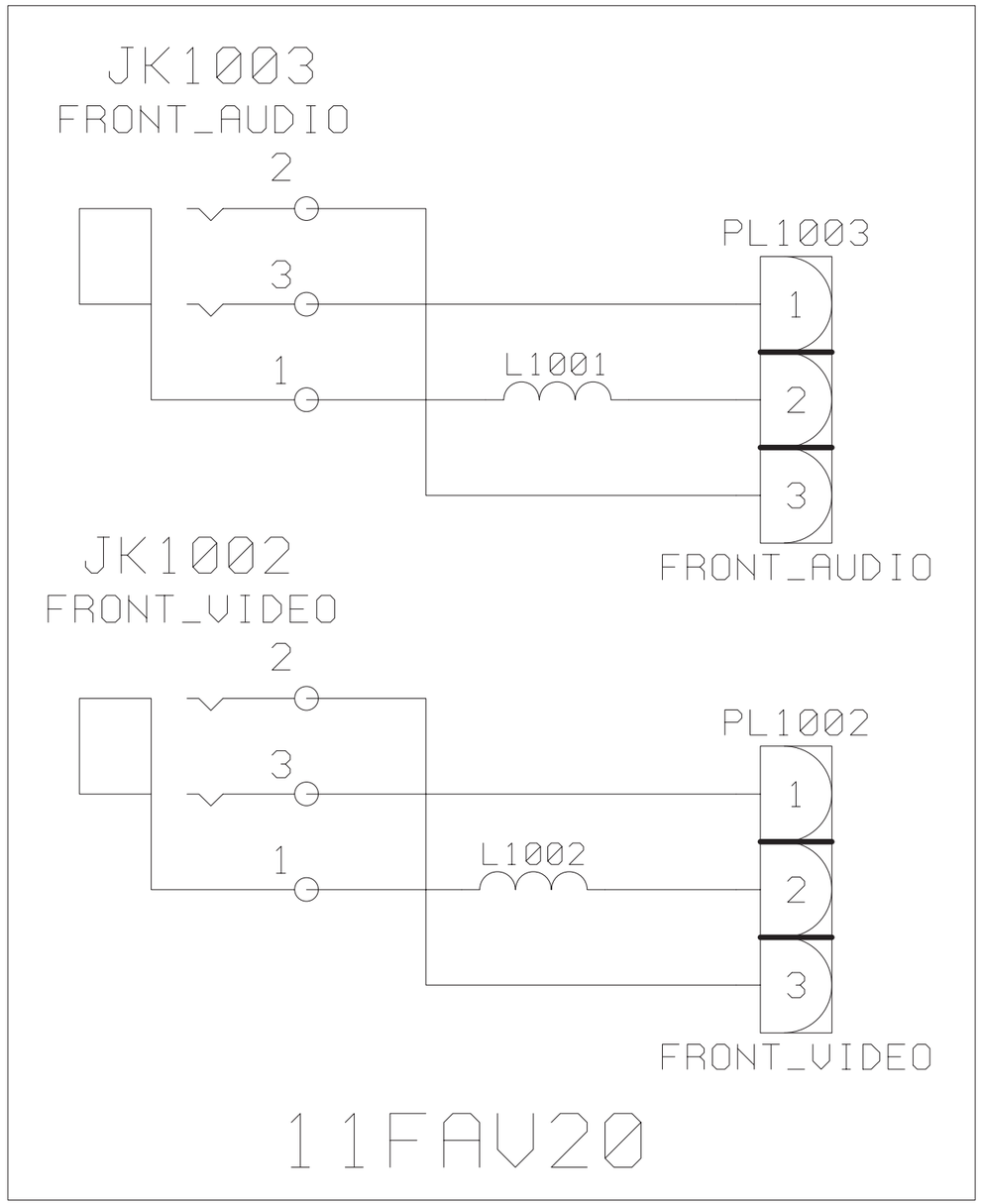
VE-20159381(AV-14RM4SN)
VE-20159384 (AV-14RM4SP)
VE-20159378 (AV-14RM4SE)

*HEADPHONE JACK PWB CIRCUIT DIAGRAM*




## HEADPHONE JACK PWB
VE-20170438

*FRONT AV JACK CIRCUIT DIAGRAM*

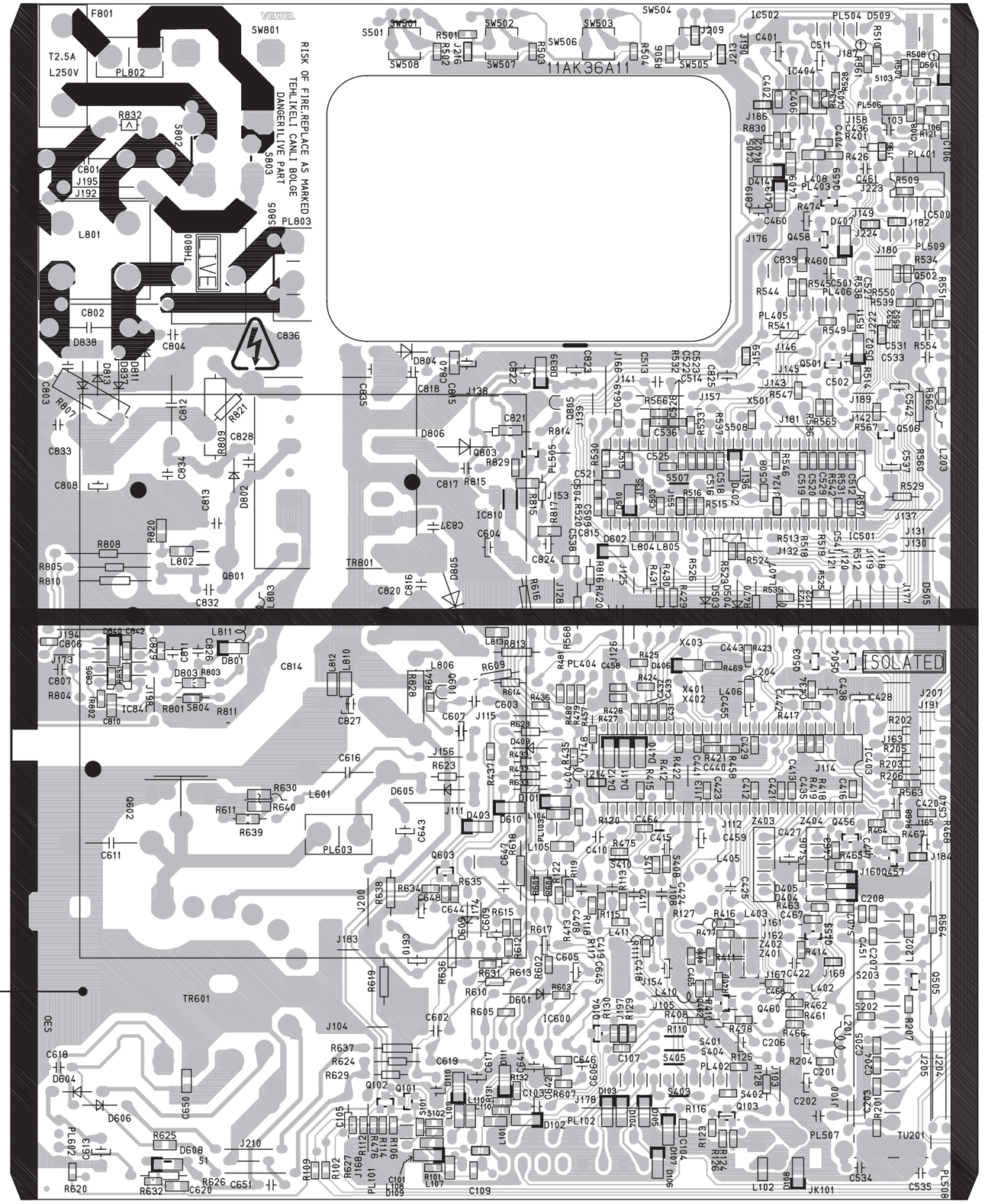



## FRONT AV JACK PWB
VE-20124552

# PATTERN DIAGRAMS

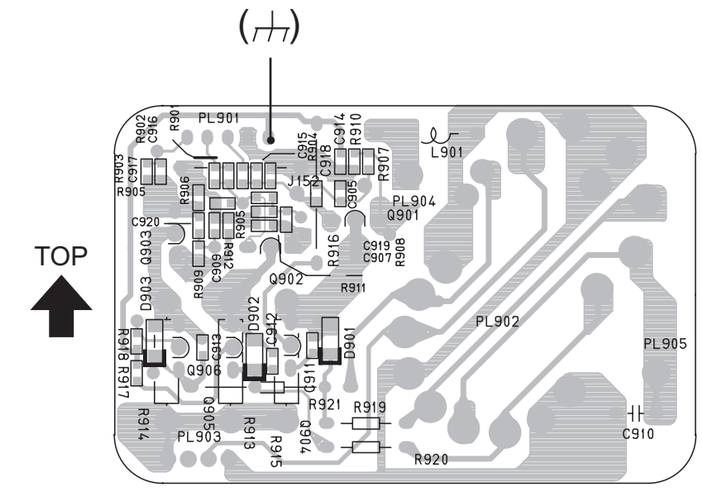
*MAIN PWB PATTERN*

FRONT

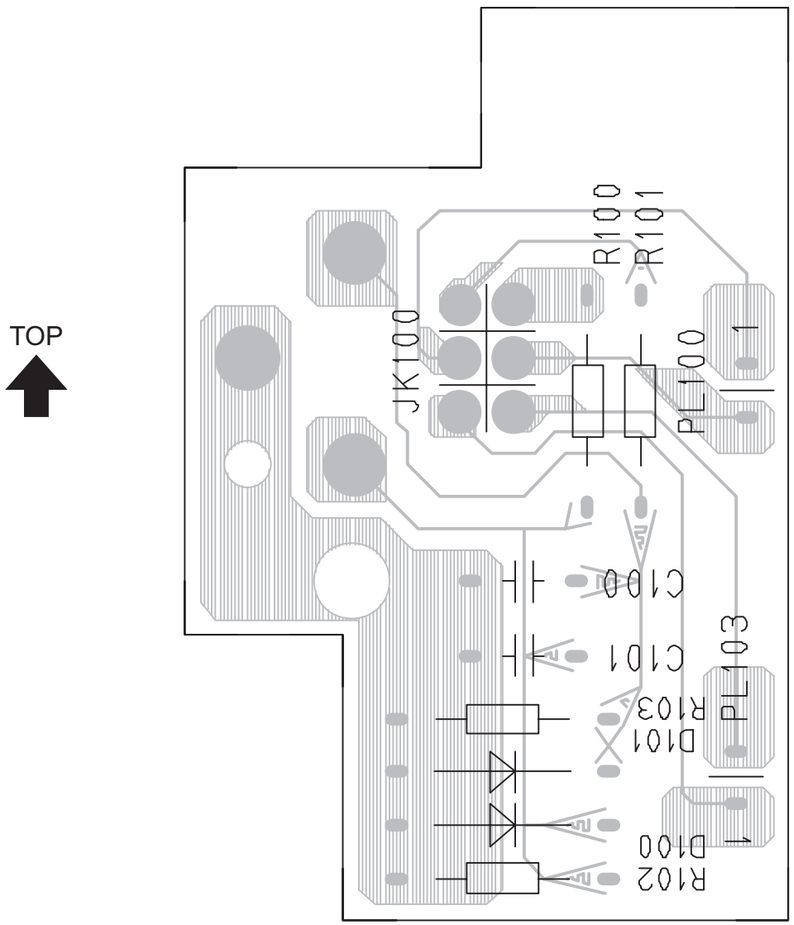



*CRT SOCKET PWB PATTERN*
*(Within MAIN PWB)*

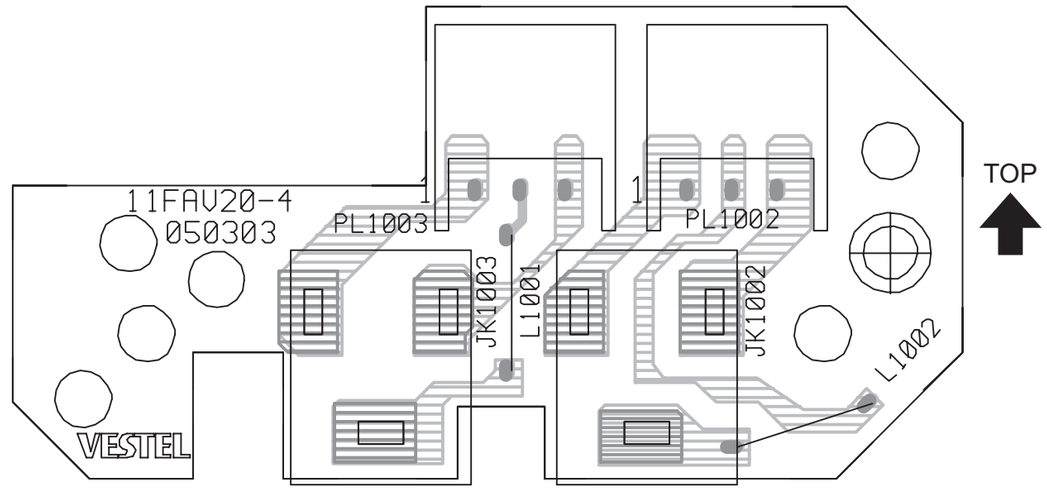
TOP



*HEADPHONE JACK PWB PATTERN*




*FRONT AV JACK PWB PATTERN*



# PARTS LIST

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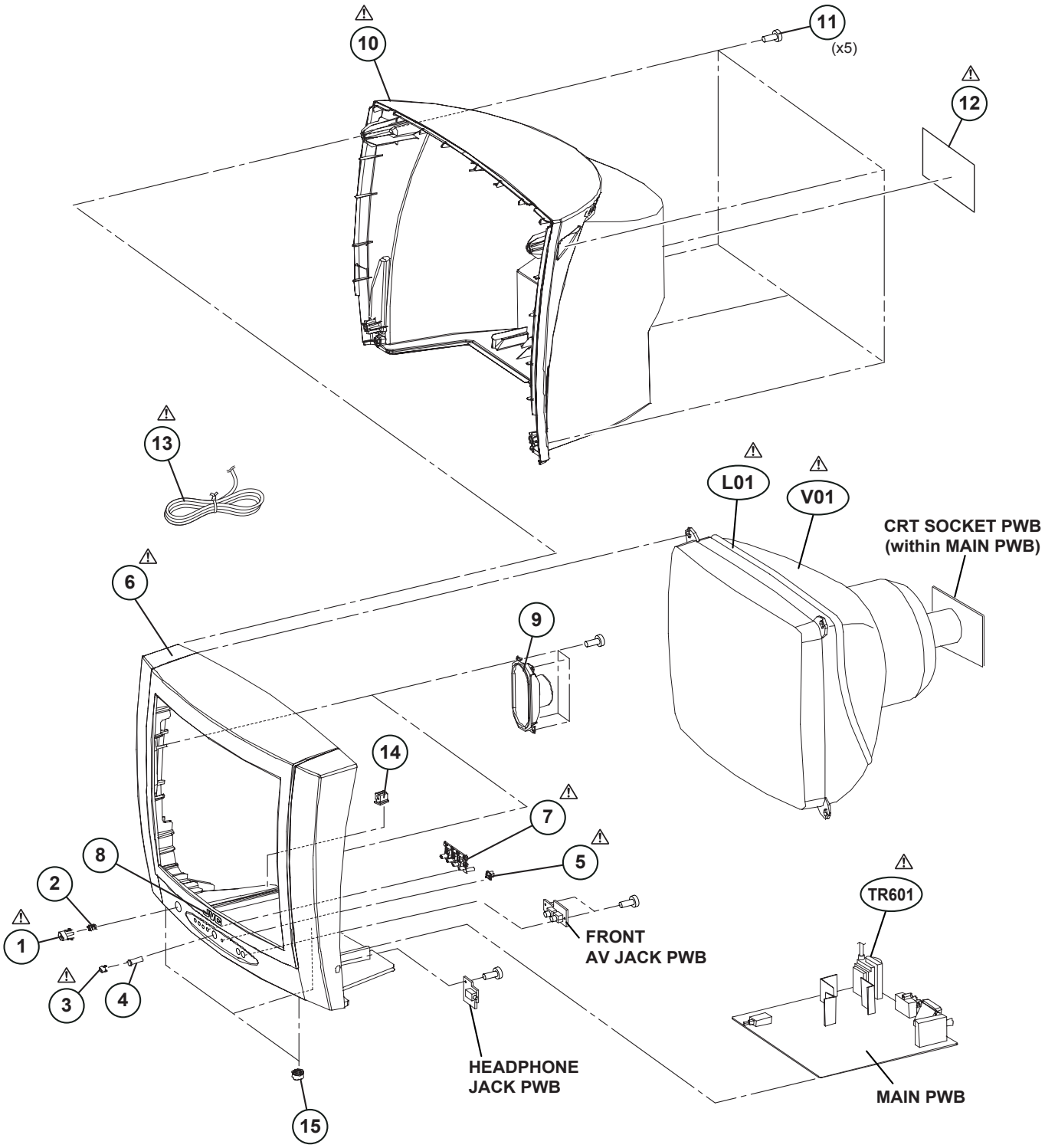
## USING P.W. BOARD & REMOTE CONTROL UNIT

| P.W.B ASS'Y name | AV-14RM4SE | AV-14RM4SN | AV-14RM4SP |
|---|---|---|---|
| MAIN P.W.B. (with CRT SOCKET P.W.B.) | VE-20159378 | VE-20159381 | VE-20159384 |
| FRONT AV JACK P.W.B. | VE-20124552 | ← | ← |
| HEADPHONE JACK P.W.B. | VE-20170438 | ← | ← |
| REMOTE CONTROL UNIT | VE-30017763 (RM-C1100) | ← | ← |

# EXPLODED VIEW PARTS LIST

| ⚠ | Ref.No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|---|
| ⚠ | V01 | VE-30002747 | PICTURE TUBE (ITC) | Inc. DY, PC MAGNET | |
| ⚠ | L01 | VE-30002113 | DEG COIL&EARTH CB | | |
| ⚠ | TR601 | VE-30017788 | TRF FBT | within MAIN PWB | |
| ⚠ | 1 | VE-20177854 | BUTTTON ON/OFF | | |
| | 2 | VE-35000013 | SPRING ON/OFF SWITCH | | |
| ⚠ | 3 | VE-20143961 | LENS | | |
| | 4 | VE-20004333 | LENS PRE-AMP | | |
| ⚠ | 5 | VE-20056446 | LENS LED | | |
| ⚠ | 6 | VE-20159322 | FRONT CABINET | | |
| ⚠ | 7 | VE-20176671 | BUTTON FUNCTION | | |
| | 8 | VE-40021473 | LOGO JVC | | |
| | 9 | VE-30001951 | SPEAKER | (x2) 8Ω 8W (50*90) | |
| ⚠ | 10 | VE-20143801 | BACK COVER | | |
| | 11 | VE-35010702 | SCREW (4x20) | (x5) | |
| ⚠ | 12 | VE-20159451 | LABEL | | AV-14RM4SN |
| ⚠ | 12 | VE-20159447 | LABEL | | AV-14RM4SP |
| ⚠ | 12 | VE-20159465 | LABEL | | AV-14RM4SE |
| ⚠ | 13 | VE-30029498 | POWER CORD | 2.2MT | |
| | 14 | VE-20004520 | CABLE HOLDER | | |
| | 15 | VE-20004646 | FOOT RUBBER | (x3) | |

# EXPLODED VIEW



# PRINTED WIRING BOARD PARTS LIST [AV-14RM4SE]

## MAIN P.W. BOARD ASS'Y (VE-20159378)

| ⚠Ref No. | Part No. | Part Name | Description Local |
|---|---|---|---|
| IC403 | VE-30026922 | IC | |
| IC404 | VE-30001612 | IC | |
| IC500 | VE-20109900 | IC (MEMORY) | |
| IC501 | VE-20093790 | IC (MICOM) | |
| IC502 | VE-30001670 | PREAMPLIFIER | |
| ⚠IC600 | VE-30015306 | IC | |
| IC810 | VE-20079043 | IC | |
| IC841 | VE-30001627 | IC | |
| IC842 | VE-30001622 | IC | |
| Q101 | VE-30001457 | TRANSISTOR | |
| Q102 | VE-30001457 | TRANSISTOR | |
| Q103 | VE-30001457 | TRANSISTOR | |
| Q104 | VE-30001457 | TRANSISTOR | |
| Q458 | VE-30001457 | TRANSISTOR | |
| Q459 | VE-30001457 | TRANSISTOR | |
| Q501 | VE-30001458 | TRANSISTOR | |
| Q601 | VE-30013656 | TRANSISTOR POWER | |
| ⚠Q602 | VE-20090846 | TRANSISTOR | |
| Q603 | VE-30001457 | TRANSISTOR | |
| Q801 | VE-30001385 | TRANSISTOR | |
| Q803 | VE-30001457 | TRANSISTOR | |
| Q805 | VE-30014346 | IC | |
| Q901 | VE-30001461 | TRANSISTOR | |
| Q902 | VE-30001461 | TRANSISTOR | |
| Q903 | VE-30001461 | TRANSISTOR | |
| Q904 | VE-30001426 | TRANSISTOR | |
| Q905 | VE-30001426 | TRANSISTOR | |
| Q906 | VE-30001426 | TRANSISTOR | |
| D101 | VE-30007763 | DIODE ZENER | |
| D108 | VE-30009699 | DIODE ZENER | |
| D109 | VE-30007763 | DIODE ZENER | |
| D110 | VE-30007763 | DIODE ZENER | |
| D111 | VE-30003720 | DIODE ZENER | |
| D402 | VE-30007763 | DIODE ZENER | |
| D406 | VE-30001285 | DIODE | |
| D407 | VE-30001285 | DIODE | |
| D410 | VE-30018576 | DIODE ZENER | |
| D411 | VE-30018576 | DIODE ZENER | |
| D412 | VE-30018576 | DIODE ZENER | |
| D413 | VE-30009699 | DIODE ZENER | |
| D414 | VE-30009699 | DIODE ZENER | |
| D501 | VE-30001285 | DIODE | |
| D502 | VE-30007761 | DIODE ZENER | |
| D503 | VE-30001284 | DIODE | |
| D504 | VE-30001284 | DIODE | |
| D505 | VE-30001377 | DIODE ZENER | |
| D509 | VE-30001279 | LED RED/GREEN | |
| D601 | VE-30001329 | DIODE | |
| D602 | VE-30001285 | DIODE | |
| D604 | VE-30001318 | DIODE | |
| D605 | VE-30001318 | DIODE | |
| D606 | VE-30001318 | DIODE | |
| D609 | VE-30001284 | DIODE | |
| D610 | VE-30009699 | DIODE ZENER | |
| D801 | VE-30001285 | DIODE | |
| D802 | VE-30001318 | DIODE | |
| D803 | VE-30001331 | DIODE | |
| D804 | VE-30001288 | DOIDE | |
| D805 | VE-30001301 | DIODE | |
| D806 | VE-30001288 | DOIDE | |
| ⚠D811 | VE-30001318 | DIODE | |
| D839 | VE-30007763 | DIODE ZENER | |
| D901 | VE-30001285 | DIODE | |
| D902 | VE-30001285 | DIODE | |
| D903 | VE-30001285 | DIODE | |
| C103 | VE-30000371 | CAP EL | 22UF 50V M |
| C104 | VE-30012589 | CAP SMD | 4.7NF 50V K |
| C105 | VE-30016654 | CAP SMD | 100NF 16V K R |
| C106 | VE-30012589 | CAP SMD | 4.7NF 50V K |
| C108 | VE-30012589 | CAP SMD | 4.7NF 50V K |
| C201 | VE-30000400 | CAP EL | 47UF 50V M |
| C206 | VE-30000371 | CAP EL | 22UF 50V M |
| C207 | VE-30012610 | CAP SMD | 10NF 50V J |
| C208 | VE-30012610 | CAP SMD | 10NF 50V J |
| C401 | VE-30000345 | CAP EL | 10UF 50V M |
| C402 | VE-30000289 | CAP SMD | 10NF 50V K R |
| C403 | VE-30012610 | CAP SMD | 10NF 50V J |
| C404 | VE-30016654 | CAP SMD | 100NF 16V K R |
| C405 | VE-30016654 | CAP SMD | 100NF 16V K R |

| ⚠Ref No. | Part No. | Part Name | Description Local |
|---|---|---|---|
| C408 | VE-30000074 | CAP MKT | 100NF 63V J |
| C409 | VE-30000384 | CAP EL | 2.2UF 50V M |
| C410 | VE-30000109 | CAP MKT | 470NF 63V J |
| C411 | VE-30000074 | CAP MKT | 100NF 63V J |
| C413 | VE-30016654 | CAP SMD | 100NF 16V K R |
| C415 | VE-30000362 | CAP EL | 1UF 50V M. |
| C416 | VE-30012586 | CAP SMD | 22NF 50V K |
| C417 | VE-30000362 | CAP EL | 1UF 50V M. |
| C418 | VE-30000362 | CAP EL | 1UF 50V M. |
| C419 | VE-30000074 | CAP MKT | 100NF 63V J |
| C420 | VE-30000345 | CAP EL | 10UF 50V M |
| C421 | VE-30012581 | CAP SMD | 1NF 50V K R |
| C422 | VE-30000100 | CAP MKT | 330NF 63V J |
| C423 | VE-30012586 | CAP SMD | 22NF 50V K |
| C424 | VE-30000109 | CAP MKT | 470NF 63V J |
| C425 | VE-30000074 | CAP MKT | 100NF 63V J |
| C427 | VE-30000362 | CAP EL | 1UF 50V M. |
| C428 | VE-30000362 | CAP EL | 1UF 50V M. |
| C429 | VE-30012586 | CAP SMD | 22NF 50V K |
| C431 | VE-30016654 | CAP SMD | 100NF 16V K R |
| C432 | VE-30016654 | CAP SMD | 100NF 16V K R |
| C434 | VE-30012586 | CAP SMD | 22NF 50V K |
| C435 | VE-30012585 | CAP SMD | 2.2NF 50V K R |
| C436 | VE-30007082 | CAP MKT | 680NF 63V J |
| C438 | VE-30000384 | CAP EL | 2.2UF 50V M |
| C440 | VE-30012589 | CAP SMD | 4.7NF 50V K |
| C442 | VE-30000362 | CAP EL | 1UF 50V M |
| C443 | VE-30000345 | CAP EL | 10UF 50V M |
| C458 | VE-30012567 | CAP SMD | 220PF 50V J |
| C459 | VE-30000345 | CAP EL | 10UF 50V M |
| C460 | VE-30000371 | CAP EL | 22UF 50V M |
| C464 | VE-30012610 | CAP SMD | 10NF 50V J |
| C465 | VE-30012575 | CAP SMD | 4.7PF 50V C CH |
| C468 | VE-30012574 | CAP SMD | 470PF 50V J |
| C501 | VE-30000074 | CAP MKT | 100NF 63V J |
| C502 | VE-30000396 | CAP EL | 47UF 16V M |
| C503 | VE-30012603 | CAP SMD | 100NF 25V K R |
| C504 | VE-30012589 | CAP SMD | 4.7NF 50V K |
| C508 | VE-30012586 | CAP SMD | 22NF 50V K |
| C509 | VE-30012566 | CAP SMD | 22PF 50V J |
| C511 | VE-30000371 | CAP EL | 22UF 50V M |
| C513 | VE-30012579 | CAP SMD | 82PF 50V J |
| C514 | VE-30000100 | CAP MKT | 330NF 63V J |
| C515 | VE-30012586 | CAP SMD | 22NF 50V K |
| C518 | VE-30012560 | CAP SMD | 100PF 50V J |
| C519 | VE-30012562 | CAP SMD | 15PF 50V J |
| C520 | VE-30012562 | CAP SMD | 15PF 50V J |
| C521 | VE-30012585 | CAP SMD | 2.2NF 50V K R |
| C523 | VE-30012566 | CAP SMD | 22PF 50V J |
| C526 | VE-30012589 | CAP SMD | 4.7NF 50V K |
| C534 | VE-30000431 | CAP CER | 100PF 1KV M |
| C535 | VE-30006753 | CAP CER | 220PF 1KV K B |
| C536 | VE-30012607 | CAP SMD | 150PF 50V J |
| C538 | VE-30012560 | CAP SMD | 100PF 50V J |
| C539 | VE-30000400 | CAP EL | 47UF 50V M |
| C540 | VE-30000315 | CAP SMD | 220NF 25V Z |
| C541 | VE-30012590 | CAP SMD | 47NF 50V K |
| C542 | VE-30010571 | CAP EL | 10UF 16V M |
| C602 | VE-30000107 | CAP MKT | 47NF 250V J |
| C603 | VE-30000100 | CAP MKT | 330NF 63V J |
| C604 | VE-30018416 | CAP EL | 470UF 16V M 105° |
| C605 | VE-30000354 | CAP EL | 100UF 35V M |
| C606 | VE-30000092 | CAP MKT | 220NF 63V J |
| C607 | VE-30016085 | CAP EL | 10UF 63V 105° |
| C609 | VE-30000371 | CAP EL | 22UF 50V M |
| C610 | VE-30000360 | CAP EL | 1000UF 25V M |
| C613 | VE-30000350 | CAP EL | 10UF 250V M |
| C617 | VE-30007750 | CAP EL | 470UF 35V |
| C618 | VE-30000092 | CAP MKT | 220NF 63V J |
| C619 | VE-30000384 | CAP EL | 2.2UF 50V M |
| C643 | VE-30000394 | CAP EL | 3.3UF 160V M |
| C644 | VE-30000345 | CAP EL | 10UF 50V M |
| C646 | VE-30012581 | CAP SMD | 1NF 50V K R |
| C647 | VE-30000116 | CAP MKT | 68NF 63V J |
| C648 | VE-30012609 | CAP SMD | 68NF 50V K |
| C649 | VE-30012573 | CAP SMD | 47PF 50V J |
| C650 | VE-30000294 | CAP SMD | 100NF 50V K |
| ⚠C801 | VE-30000094 | CAP MKT | 220NF 275V M AC |
| ⚠C802 | VE-30000084 | CAP MKT | 150NF 275V M AC P=15 |
| C805 | VE-30012585 | CAP SMD | 2.2NF 50V K R |
| C806 | VE-30012574 | CAP SMD | 470PF 50V J |
| C807 | VE-30000090 | CAP MKT | 22NF 100V J |
| C808 | VE-30000418 | CAP EL | 100UF 400V M |
| C810 | VE-30000315 | CAP SMD | 220NF 25V Z |

| ⚠Ref No. | Part No. | Part Name | Description Local |
|---|---|---|---|
| C811 | VE-30000345 | CAP EL | 10UF 50V M |
| C812 | VE-30000161 | CAP MKP | 47NF 630Vdc / 622Vpp J |
| C814 | VE-30000447 | CAP CER | 4.7NF 4KV M E |
| C815 | VE-30000294 | CAP SMD | 100NF 50V K |
| C816 | VE-30013533 | CAP CER | 100PF 1KV K |
| C817 | VE-30000431 | CAP CER | 100PF 1KV M |
| C818 | VE-30000433 | CAP CER | 1NF 1KV M B |
| C819 | VE-30000407 | CAP EL | 470UF 16V M |
| C820 | VE-30000404 | CAP EL | 47UF 160V M (HR) 105° |
| C821 | VE-30000294 | CAP SMD | 100NF 50V K |
| C822 | VE-30018416 | CAP EL | 470UF 16V M 105° |
| C823 | VE-30000352 | CAP EL | 100UF 16V M |
| C824 | VE-30000352 | CAP EL | 100UF 16V M |
| C825 | VE-30000352 | CAP EL | 100UF 16V M |
| C826 | VE-30000092 | CAP MKT | 220NF 63V J |
| C827 | VE-30006672 | CAP EL | 47UF 160V M |
| C828 | VE-30013533 | CAP CER | 100PF 1KV K |
| C832 | VE-30009208 | CAP CER | 470PF 1KV K |
| C834 | VE-30007308 | CAP CER | 220PF 1KV K |
| C837 | VE-30009208 | CAP CER | 470PF 1KV K |
| C839 | VE-30000294 | CAP SMD | 100NF 50V K |
| C840 | VE-30000294 | CAP SMD | 100NF 50V K |
| C905 | VE-30012568 | CAP SMD | 270PF 50V J |
| C907 | VE-30012568 | CAP SMD | 270PF 50V J |
| C909 | VE-30012568 | CAP SMD | 270PF 50V J |
| C910 | VE-30000434 | CAP CER | 1NF 2KV K B |
| C911 | VE-30012579 | CAP SMD | 82PF 50V J |
| C912 | VE-30012579 | CAP SMD | 82PF 50V J |
| C913 | VE-30012579 | CAP SMD | 82PF 50V J |
| C915 | VE-30012567 | CAP SMD | 220PF 50V J |
| C916 | VE-30012567 | CAP SMD | 220PF 50V J |
| C917 | VE-30012567 | CAP SMD | 220PF 50V J |
| S102 | VE-30012560 | CAP SMD | 100PF 50V J |
| PL101 | VE-30000345 | CAP EL | 10UF 50V M |
| X403 | VE-30000074 | CAP MKT | 100NF 63V J |
| R101 | VE-30012509 | RES SMD | 1/16W 100K J |
| R102 | VE-30012641 | RES SMD | 1/16W 10K J |
| R106 | VE-30012696 | RES SMD | 1/16W 47K J |
| R109 | VE-30012641 | RES SMD | 1/16W 10K J |
| R110 | VE-30012713 | RES SMD | 1/16W 75R J |
| R111 | VE-30012713 | RES SMD | 1/16W 75R J |
| R112 | VE-30012696 | RES SMD | 1/16W 47K J |
| R113 | VE-30012713 | RES SMD | 1/16W 75R J |
| R114 | VE-30012692 | RES SMD | 1/16W 4.7K J |
| R115 | VE-30012713 | RES SMD | 1/16W 75R J |
| R117 | VE-30012986 | RES SMD | 1/16W 68R J |
| R118 | VE-30012713 | RES SMD | 1/16W 75R J |
| R121 | VE-30012657 | RES SMD | 1/16W 1K J |
| R123 | VE-30014128 | RES SMD | 1/16W 33R J |
| R125 | VE-30012713 | RES SMD | 1/16W 75R J |
| R126 | VE-30012695 | RES SMD | 1/16W 470R J |
| R127 | VE-30012713 | RES SMD | 1/16W 75R J |
| R128 | VE-30000459 | RES CF | 1/4W 100R J. |
| R130 | VE-30012641 | RES SMD | 1/16W 10K J |
| R131 | VE-30012649 | RES SMD | 1/16W 150R J |
| R132 | VE-30012649 | RES SMD | 1/16W 150R J |
| R201 | VE-30012674 | RES SMD | 1/16W 27K J |
| R203 | VE-30000583 | RES CF | 1/4W 220R J |
| R204 | VE-30012692 | RES SMD | 1/16W 4.7K J |
| R206 | VE-30000583 | RES CF | 1/4W 220R J |
| R401 | VE-30014076 | RES SMD | 1/16W 4.7R J |
| R402 | VE-30014076 | RES SMD | 1/16W 4.7R J |
| R408 | VE-30000466 | RES CF | 1/4W 1K J |
| R409 | VE-30012510 | RES SMD | 1/16W 100R J |
| R410 | VE-30012707 | RES SMD | 1/16W 680R J |
| R411 | VE-30012657 | RES SMD | 1/16W 1K J |
| R412 | VE-30012667 | RES SMD | 1/16W 220K J |
| R413 | VE-30000712 | RES CF | 1/4W 470R J |
| R414 | VE-30012649 | RES SMD | 1/16W 150R J |
| R415 | VE-30012683 | RES SMD | 1/16W 330K J |
| R416 | VE-30012713 | RES SMD | 1/16W 75R J |
| R417 | VE-30012650 | RES SMD | 1/16W 15K J |
| R418 | VE-30012510 | RES SMD | 1/16W 100R J |
| R419 | VE-30012510 | RES SMD | 1/16W 100R J |
| R420 | VE-30000466 | RES CF | 1/4W 1K J |
| R421 | VE-30012674 | RES SMD | 1/16W 27K J |
| R422 | VE-30012662 | RES SMD | 1/16W 2.7K J |
| R423 | VE-30012714 | RES SMD | 1/16W 820R J |
| R424 | VE-30012714 | RES SMD | 1/16W 820R J |
| R425 | VE-30012714 | RES SMD | 1/16W 820R J |
| R426 | VE-30000718 | RES CF | 1/4W 4.7K J |
| R427 | VE-30012657 | RES SMD | 1/16W 1K J |
| R428 | VE-30012696 | RES SMD | 1/16W 47K J |
| R429 | VE-30000466 | RES CF | 1/4W 1K J |
| R430 | VE-30000466 | RES CF | 1/4W 1K J |
| R431 | VE-30000466 | RES CF | 1/4W 1K J |
| R433 | VE-30000712 | RES CF | 1/4W 470R J |
| R434 | VE-30012657 | RES SMD | 1/16W 1K J |
| R435 | VE-30012659 | RES SMD | 1/16W 2.2K J |
| R436 | VE-30012674 | RES SMD | 1/16W 27K J |
| R437 | VE-30012642 | RES SMD | 1/16W 120K J |
| R457 | VE-30012641 | RES SMD | 1/16W 10K J |
| R460 | VE-30012698 | RES SMD | 1/16W 5.6K J |
| R469 | VE-30012683 | RES SMD | 1/16W 330K J |
| R470 | VE-30000670 | RES CF | 1/4W 330K J |
| R474 | VE-30000748 | RES CF | 1/4W 5.6K J |
| R477 | VE-30012662 | RES SMD | 1/16W 2.7K J |
| R478 | VE-30014022 | RES SMD | 1/16W 47R J |
| R479 | VE-30012510 | RES SMD | 1/16W 100R J |
| R502 | VE-30012695 | RES SMD | 1/16W 470R J |
| R503 | VE-30012707 | RES SMD | 1/16W 680R J |
| R504 | VE-30012679 | RES SMD | 1/16W 3.9K J |
| R506 | VE-30012506 | RES SMD | 1/16W 1.5K J |
| R507 | VE-30012657 | RES SMD | 1/16W 1K J |
| R508 | VE-30014022 | RES SMD | 1/16W 47R J |
| R509 | VE-30012641 | RES SMD | 1/16W 10K J |
| R510 | VE-30012673 | RES SMD | 1/16W 270R J |
| R511 | VE-30012508 | RES SMD | 1/16W 1.8K J |
| R512 | VE-30000459 | RES CF | 1/4W 100R J |
| R513 | VE-30000459 | RES CF | 1/4W 100R J |
| R514 | VE-30012657 | RES SMD | 1/16W 1K J |
| R515 | VE-30012692 | RES SMD | 1/16W 4.7K J |
| R516 | VE-30012692 | RES SMD | 1/16W 4.7K J |
| R517 | VE-30012692 | RES SMD | 1/16W 4.7K J |
| R518 | VE-30012659 | RES SMD | 1/16W 2.2K J |
| R519 | VE-30012659 | RES SMD | 1/16W 2.2K J |
| R520 | VE-30012698 | RES SMD | 1/16W 5.6K J |
| R526 | VE-30012657 | RES SMD | 1/16W 1K J |
| R528 | VE-30012668 | RES SMD | 1/16W 220R J |
| R529 | VE-30000590 | RES CF | 1/4W 2.2K J |
| R530 | VE-30012641 | RES SMD | 1/16W 10K J |
| R531 | VE-30012698 | RES SMD | 1/16W 5.6K J |
| R533 | VE-30012698 | RES SMD | 1/16W 5.6K J |
| R534 | VE-30000500 | RES CF | 1/4W 12K J |
| R535 | VE-30012506 | RES SMD | 1/16W 1.5K J |
| R537 | VE-30000471 | RES CF | 1/4W 10K J |
| R541 | VE-30000500 | RES CF | 1/4W 12K J |
| R542 | VE-30012508 | RES SMD | 1/16W 1.8K J |
| R546 | VE-30012692 | RES SMD | 1/16W 4.7K J |
| R547 | VE-30012641 | RES SMD | 1/16W 10K J |
| R560 | VE-30000525 | RES CF | 1/2W 1.5K J |
| R564 | VE-30012641 | RES SMD | 1/16W 10K J |
| R565 | VE-30012641 | RES SMD | 1/16W 10K J |
| R566 | VE-30012641 | RES SMD | 1/16W 10K J |
| R568 | VE-30000459 | RES CF | 1/4W 100R J |
| R601 | VE-30000723 | RES CF | 1/4W 47K J |
| R602 | VE-30012642 | RES SMD | 1/16W 120K J |
| R603 | VE-30012711 | RES SMD | 1/16W 75K J |
| R604 | VE-30000718 | RES CF | 1/4W 4.7K J |
| R605 | VE-30012641 | RES SMD | 1/16W 10K J |
| R607 | VE-30015578 | RES SMD | 1/16W 2.2R J |
| R610 | VE-30000519 | RES CF | 1/4W 150R J |
| R611 | VE-30000650 | RES CF | 1/4W 33R J |
| R612 | VE-30012508 | RES SMD | 1/16W 1.8K J |
| R613 | VE-30000828 | RES CF | 1/4W 8.2M J |
| R615 | VE-30012510 | RES SMD | 1/16W 100R J |
| R617 | VE-30012677 | RES SMD | 1/16W 3.3K J |
| R618 | VE-30000769 | RES CF | 1/2W 680R J |
| R619 | VE-30000910 | RES MF | 1/2W 1.8R G |
| R623 | VE-30000869 | RES MF | 1/4W 12K J |
| R624 | VE-30000594 | RES CF | 1/4W 22K J |
| R625 | VE-30000469 | RES SMD | 1/10W 1K J |
| R628 | VE-30014941 | RES CF | 1/4W 16K J |
| R629 | VE-30000594 | RES CF | 1/4W 22K J |
| R631 | VE-30012508 | RES SMD | 1/16W 1.8K J |
| R633 | VE-30000564 | RES CF | 1/4W 18K J |
| R635 | VE-30012659 | RES SMD | 1/16W 2.2K J |
| ⚠R637 | VE-30001225 | RES FUSE | 1/4W 0.22R J |
| R639 | VE-30002731 | RES SMD | 1/10W 68R J |
| R640 | VE-30002731 | RES SMD | 1/10W 68R J |
| R801 | VE-30000983 | RES MF | 1/4W 4.7K F |
| R802 | VE-30012642 | RES SMD | 1/16W 120K J |
| R803 | VE-30007207 | RES SMD | 1/10W 22K F |
| R804 | VE-30000466 | RES CF | 1/4W 1K J |
| R805 | VE-30000466 | RES CF | 1/4W 1K J |
| R807 | VE-30001157 | RES MO | 1W 330K J |
| R808 | VE-30000452 | RES CF | 1/4W 10R J |
| R809 | VE-30001183 | RES MO | 2W 56K J |
| R810 | VE-30017136 | RES MO | 1W 0.56R J |
| ⚠R811 | VE-30001257 | RES MG | 1/2W 4.7M J |
| R813 | VE-30000470 | RES CF | 1/2W 10K J |
| R814 | VE-30000649 | RES CF | 1/2W 33R J |
| R815 | VE-30000524 | RES SMD | 1/10W 150R J |

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| R816 | VE-30000470 | RES CF | 1/2W 10K J | |
| R817 | VE-30000594 | RES CF | 1/4W 22K J | |
| R820 | VE-30000469 | RES SMD | 1/10W 1K J | |
| ⚠R821 | VE-30001229 | RES FUSE | 1W 2.2R J | |
| R828 | VE-30001185 | RES MO | 2W 5.6R J | |
| R829 | VE-30012714 | RES SMD | 1/16W 820R J | |
| ⚠R830 | VE-30001245 | RES FUSE | 1/4W 0.47R J | |
| R831 | VE-30012677 | RES SMD | 1/16W 3.3K J | |
| ⚠R832 | VE-30018085 | CAP VAR | 510V K | |
| R901 | VE-30012688 | RES SMD | 1/16W 390R J | |
| R901 | VE-30012688 | RES SMD | 1/16W 390R J | |
| R902 | VE-30012688 | RES SMD | 1/16W 390R J | |
| R902 | VE-30012688 | RES SMD | 1/16W 390R J | |
| R903 | VE-30012688 | RES SMD | 1/16W 390R J | |
| R903 | VE-30012688 | RES SMD | 1/16W 390R J | |
| R904 | VE-30012508 | RES SMD | 1/16W 1.8K J | |
| R905 | VE-30012508 | RES SMD | 1/16W 1.8K J | |
| R906 | VE-30012508 | RES SMD | 1/16W 1.8K J | |
| R907 | VE-30014022 | RES SMD | 1/16W 47R J | |
| R908 | VE-30014022 | RES SMD | 1/16W 47R J | |
| R909 | VE-30014022 | RES SMD | 1/16W 47R J | |
| R910 | VE-30012695 | RES SMD | 1/16W 470R J | |
| R911 | VE-30012695 | RES SMD | 1/16W 470R J | |
| R912 | VE-30012695 | RES SMD | 1/16W 470R J | |
| R913 | VE-30001116 | RES MO | 2W 18K J | |
| R914 | VE-30001116 | RES MO | 2W 18K J | |
| R915 | VE-30001116 | RES MO | 2W 18K J | |
| R916 | VE-30000459 | RES CF | 1/4W 100R J | |
| R917 | VE-30012510 | RES SMD | 1/16W 100R J | |
| R918 | VE-30012510 | RES SMD | 1/16W 100R J | |
| R919 | VE-30000526 | RES CF | 1/4W 1.5K J | |
| R920 | VE-30000526 | RES CF | 1/4W 1.5K J | |
| R921 | VE-30000526 | RES CF | 1/4W 1.5K J | |
| J142 | VE-30000461 | RES CF | 1/6W 100R J | |
| L104 | VE-30001734 | JUMPER SMD | | |
| L201 | VE-30001992 | FIXED COIL | 10UH | |
| L204 | VE-30001984 | FIXED COIL | 2.2UH | |
| L402 | VE-30001992 | FIXED COIL | 10UH | |
| L403 | VE-30001990 | FIXED COIL | 6.8UH | |
| L404 | VE-30001987 | FIXED COIL | 4.7UH | |
| L407 | VE-30001992 | FIXED COIL | 10UH | |
| L410 | VE-30001992 | FIXED COIL | 10UH | |
| L601 | VE-30001990 | FIXED COIL | 6.8UH | |
| L803 | VE-30001984 | FIXED COIL | 2.2UH | |
| L806 | VE-30002011 | FIXED COIL | 150UH | |
| L811 | VE-30001990 | FIXED COIL | 6.8UH | |
| J128 | VE-30002002 | FIXED COIL | 47UH | |
| J168 | VE-30001992 | FIXED COIL | 10UH | |
| ⚠TR601 | VE-30017788 | TRF FBT | | |
| ⚠TR801 | VE-30015302 | TRF SMPS | | |
| ⚠F801 | VE-30001731 | FUSE | 2.5A | |
| L101 | VE-30001971 | FERRITE SMD | | |
| L103 | VE-30001971 | FERRITE SMD | | |
| L105 | VE-30001971 | FERRITE SMD | | |
| L106 | VE-30001971 | FERRITE SMD | | |
| L406 | VE-30001971 | FERRITE SMD | | |
| ⚠L801 | VE-30002100 | LINE FILTER | | |
| L802 | VE-30001971 | FERRITE SMD | | |
| L804 | VE-30001971 | FERRITE SMD | | |
| L805 | VE-30001971 | FERRITE SMD | | |
| PL102 | VE-30015053 | SOCKET SCART | | |
| SW501 | VE-30015988 | SWITCH TACT | | |
| SW502 | VE-30015988 | SWITCH TACT | | |
| SW503 | VE-30015988 | SWITCH TACT | | |
| SW504 | VE-30015988 | SWITCH TACT | | |
| ⚠SW801 | VE-30017848 | SWITCH ON/OFF | | |
| ⚠TH800 | VE-30001270 | PTC | 9 OHM | |
| TU201 | VE-30009637 | TUNER WSP (PLL) | | |
| VL405 | VE-30026042 | ADJ.COIL | | |
| X401 | VE-30001749 | XTAL | | |
| X402 | VE-30015592 | XTAL | | |
| X501 | VE-30002851 | XTAL | | |
| Z401 | VE-30001728 | TRIPLE TRAP | | |
| Z403 | VE-30012544 | FILTER SAW | | |

## FRONT AV JACK P.W. BOARD ASS'Y (VE-20124552)

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| JK1003 | VE-30001882 | RCA JACK | 1P WHITE | |
| JK1002 | VE-30001884 | RCA JACK | 1P YELLOW | |
| L1001 | VE-30006712 | FERRITE BEAD | | |
| L1002 | VE-30006712 | FERRITE BEAD | | |

## HEADPHONE JACK P.W. BOARD ASS'Y (VE-20170438)

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| D100 | VE-30001350 | DIODE ZENER | 12V | |
| D101 | VE-30001350 | DIODE ZENER | 12V | |
| C100 | VE-30000330 | CAP CER | 4.7NF 50V K B | |
| C101 | VE-30000330 | CAP CER | 4.7NF 50V K B | |
| R100 | VE-30000519 | RES CF | 1/4W 150R J | |
| R101 | VE-30000519 | RES CF | 1/4W 150R J | |
| R102 | VE-30000712 | RES CF | 1/4W 470R J | |
| R103 | VE-30000712 | RES CF | 1/4W 470R J | |
| JK100 | VE-30001900 | JACK HEADPHONE | HP01 | |

# PRINTED WIRING BOARD PARTS LIST [AV-14RM4SN]

## MAIN P.W. BOARD ASS'Y (VE-20159381)

| ⚠Ref No. | Part No. | Part Name | Description Local |
|---|---|---|---|
| IC403 | VE-30026920 | IC | |
| IC404 | VE-30001612 | IC | |
| IC500 | VE-20109896 | IC (MEMORY) | |
| IC501 | VE-20093790 | IC (MICOM) | |
| IC502 | VE-30001670 | PREAMPLIFIER | |
| ⚠IC600 | VE-30015306 | IC | |
| IC810 | VE-20079043 | IC | |
| IC841 | VE-30001627 | IC | |
| IC842 | VE-30001622 | IC | |
| Q101 | VE-30001457 | TRANSISTOR | |
| Q102 | VE-30001457 | TRANSISTOR | |
| Q103 | VE-30001457 | TRANSISTOR | |
| Q104 | VE-30001457 | TRANSISTOR | |
| Q458 | VE-30001457 | TRANSISTOR | |
| Q459 | VE-30001457 | TRANSISTOR | |
| Q501 | VE-30001458 | TRANSISTOR | |
| Q601 | VE-30013656 | TRANSISTOR POWER | |
| Q602 | VE-20090846 | TRANSISTOR | |
| Q603 | VE-30001457 | TRANSISTOR | |
| Q801 | VE-30001385 | TRANSISTOR | |
| Q803 | VE-30001457 | TRANSISTOR | |
| Q805 | VE-30014346 | IC | |
| Q901 | VE-30001461 | TRANSISTOR | |
| Q902 | VE-30001461 | TRANSISTOR | |
| Q903 | VE-30001461 | TRANSISTOR | |
| Q904 | VE-30001426 | TRANSISTOR | |
| Q905 | VE-30001426 | TRANSISTOR | |
| Q906 | VE-30001426 | TRANSISTOR | |
| D101 | VE-30007763 | DIODE ZENER SMD | |
| D108 | VE-30009699 | DIODE ZENER | |
| D109 | VE-30007763 | DIODE ZENER SMD | |
| D110 | VE-30007763 | DIODE ZENER SMD | |
| D111 | VE-30003720 | DIODE ZENER | |
| D402 | VE-30007763 | DIODE ZENER SMD | |
| D406 | VE-30001285 | DIODE | |
| D407 | VE-30001285 | DIODE | |
| D410 | VE-30018576 | DIODE ZENER | |
| D411 | VE-30018576 | DIODE ZENER | |
| D412 | VE-30018576 | DIODE ZENER | |
| D413 | VE-30009699 | DIODE ZENER | |
| D414 | VE-30009699 | DIODE ZENER | |
| D501 | VE-30001285 | DIODE | |
| D502 | VE-30007761 | DIODE ZENER SMD | |
| D503 | VE-30001284 | DIODE | |
| D504 | VE-30001284 | DIODE | |
| D505 | VE-30001377 | DIODE ZENER | |
| D509 | VE-30001279 | LED RED/GREEN | |
| D601 | VE-30001329 | DIODE | |
| D602 | VE-30001285 | DIODE | |
| D604 | VE-30001318 | DIODE | |
| D605 | VE-30001318 | DIODE | |
| D606 | VE-30001318 | DIODE | |
| D609 | VE-30001284 | DIODE | |
| D610 | VE-30009699 | DIODE ZENER | |
| D801 | VE-30001285 | DIODE | |
| D802 | VE-30001318 | DIODE | |
| D803 | VE-30001331 | DIODE | |
| D804 | VE-30001288 | DOIDE | |
| D805 | VE-30001301 | DIODE | |
| D806 | VE-30001288 | DOIDE | |
| ⚠D811 | VE-30001318 | DIODE | |
| D839 | VE-30007763 | DIODE ZENER SMD | |
| D901 | VE-30001285 | DIODE | |
| D902 | VE-30001285 | DIODE | |
| D903 | VE-30001285 | DIODE | |
| C103 | VE-30000371 | CAP EL | 22UF 50V M |
| C104 | VE-30012589 | CAP SMD | 4.7NF 50V K |
| C105 | VE-30016654 | CAP SMD | 100NF 16V K R |
| C106 | VE-30012589 | CAP SMD | 4.7NF 50V K |
| C108 | VE-30012589 | CAP SMD | 4.7NF 50V K |
| C201 | VE-30000400 | CAP EL | 47UF 50V M |
| C206 | VE-30000371 | CAP EL | 22UF 50V M |
| C207 | VE-30012610 | CAP SMD | 10NF 50V J |
| C208 | VE-30012610 | CAP SMD | 10NF 50V J |
| C401 | VE-30000345 | CAP EL | 10UF 50V M |
| C402 | VE-30000289 | CAP SMD | 10NF 50V K R |
| C403 | VE-30012610 | CAP SMD | 10NF 50V J |
| C404 | VE-30016654 | CAP SMD | 100NF 16V K R |

| ⚠Ref No. | Part No. | Part Name | Description Local |
|---|---|---|---|
| C405 | VE-30016654 | CAP SMD | 100NF 16V K R |
| C408 | VE-30000074 | CAP MKT | 100NF 63V J |
| C409 | VE-30000384 | CAP EL | 2.2UF 50V M |
| C410 | VE-30000109 | CAP MKT | 470NF 63V J |
| C411 | VE-30000074 | CAP MKT | 100NF 63V J |
| C413 | VE-30016654 | CAP SMD | 100NF 16V K R |
| C415 | VE-30000362 | CAP EL | 1UF 50V M. |
| C416 | VE-30012586 | CAP SMD | 22NF 50V K |
| C417 | VE-30000362 | CAP EL | 1UF 50V M. |
| C418 | VE-30000362 | CAP EL | 1UF 50V M. |
| C419 | VE-30000074 | CAP MKT | 100NF 63V J |
| C420 | VE-30000345 | CAP EL | 10UF 50V M |
| C421 | VE-30012581 | CAP SMD | 1NF 50V K R |
| C422 | VE-30000100 | CAP MKT | 330NF 63V J |
| C423 | VE-30012586 | CAP SMD | 22NF 50V K |
| C424 | VE-30000109 | CAP MKT | 470NF 63V J |
| C425 | VE-30000074 | CAP MKT | 100NF 63V J |
| C427 | VE-30000362 | CAP EL | 1UF 50V M. |
| C428 | VE-30000362 | CAP EL | 1UF 50V M. |
| C429 | VE-30012586 | CAP SMD | 22NF 50V K |
| C431 | VE-30016654 | CAP SMD | 100NF 16V K R |
| C432 | VE-30016654 | CAP SMD | 100NF 16V K R |
| C434 | VE-30012586 | CAP SMD | 22NF 50V K |
| C435 | VE-30012585 | CAP SMD | 2.2NF 50V K R |
| C436 | VE-30007082 | CAP MKT | 680NF 63V J |
| C438 | VE-30000384 | CAP EL | 2.2UF 50V M |
| C440 | VE-30012589 | CAP SMD | 4.7NF 50V K |
| C442 | VE-30000362 | CAP EL | 1UF 50V M |
| C443 | VE-30000345 | CAP EL | 10UF 50V M |
| C458 | VE-30012567 | CAP SMD | 220PF 50V J |
| C459 | VE-30000345 | CAP EL | 10UF 50V M |
| C460 | VE-30000371 | CAP EL | 22UF 50V M |
| C464 | VE-30012610 | CAP SMD | 10NF 50V J |
| C465 | VE-30012575 | CAP SMD | 4.7PF 50V C CH |
| C468 | VE-30012574 | CAP SMD | 470PF 50V J |
| C501 | VE-30000074 | CAP MKT | 100NF 63V J |
| C502 | VE-30000396 | CAP EL | 47UF 16V M. |
| C503 | VE-30012603 | CAP SMD | 100NF 25V K R |
| C504 | VE-30012589 | CAP SMD | 4.7NF 50V K |
| C508 | VE-30012586 | CAP SMD | 22NF 50V K |
| C509 | VE-30012566 | CAP SMD | 22PF 50V J |
| C511 | VE-30000371 | CAP EL | 22UF 50V M |
| C513 | VE-30012579 | CAP SMD | 82PF 50V J |
| C514 | VE-30000100 | CAP MKT | 330NF 63V J |
| C515 | VE-30012586 | CAP SMD | 22NF 50V K |
| C518 | VE-30012560 | CAP SMD | 100PF 50V J |
| C519 | VE-30012562 | CAP SMD | 15PF 50V J |
| C520 | VE-30012562 | CAP SMD | 15PF 50V J |
| C521 | VE-30012585 | CAP SMD | 2.2NF 50V K R |
| C523 | VE-30012566 | CAP SMD | 22PF 50V J |
| C526 | VE-30012589 | CAP SMD | 4.7NF 50V K |
| C534 | VE-30000431 | CAP CER | 100PF 1KV M |
| C535 | VE-30006753 | CAP CER | 220PF 1KV K B |
| C536 | VE-30012607 | CAP SMD | 150PF 50V J |
| C538 | VE-30012560 | CAP SMD | 100PF 50V J |
| C539 | VE-30000400 | CAP EL | 47UF 50V M |
| C540 | VE-30000315 | CAP SMD | 220NF 25V Z |
| C541 | VE-30012590 | CAP SMD | 47NF 50V K |
| C542 | VE-30010571 | CAP EL | 10UF 16V M |
| C602 | VE-30000107 | CAP MKT | 47NF 250V J |
| C603 | VE-30000100 | CAP MKT | 330NF 63V J |
| C604 | VE-30018416 | CAP EL | 470UF 16V M 105° |
| C605 | VE-30000354 | CAP EL | 100UF 35V M |
| C606 | VE-30000092 | CAP MKT | 220NF 63V J |
| C607 | VE-30016085 | CAP EL | 10UF 63V 105° |
| C609 | VE-30000371 | CAP EL | 22UF 50V M |
| C610 | VE-30000360 | CAP EL | 1000UF 25V M |
| ⚠C611 | VE-30000179 | CAP MKP | 9.1NF 1600Vdc/ 1250Vpp %3.5 |
| C613 | VE-30000350 | CAP EL | 10UF 250V M |
| ⚠C616 | VE-30000156 | CAP MKP | 430NF 250V J |
| C617 | VE-30007750 | CAP EL | 470UF 35V |
| C618 | VE-30000092 | CAP MKT | 220NF 63V J |
| C619 | VE-30000384 | CAP EL | 2.2UF 50V M |
| C643 | VE-30000394 | CAP EL | 3.3UF 160V M |
| C644 | VE-30000345 | CAP EL | 10UF 50V M |
| C646 | VE-30012581 | CAP SMD | 1NF 50V K R |
| C647 | VE-30000116 | CAP MKT | 68NF 63V J |
| C648 | VE-30012609 | CAP SMD | 68NF 50V K |
| C649 | VE-30012573 | CAP SMD | 47PF 50V J |
| C650 | VE-30000294 | CAP SMD | 100NF 50V K |
| ⚠C801 | VE-30000094 | CAP MKT | 220NF 275V M AC |
| ⚠C802 | VE-30000084 | CAP MKT | 150NF 275V M AC P=15 |
| C805 | VE-30012585 | CAP SMD | 2.2NF 50V K R |
| C806 | VE-30012574 | CAP SMD | 470PF 50V J |

| ⚠Ref No. | Part No. | Part Name | Description Local |
|---|---|---|---|
| C807 | VE-30000090 | CAP MKT | 22NF 100V J |
| C808 | VE-30000418 | CAP EL | 100UF 400V M |
| C810 | VE-30000315 | CAP SMD | 220NF 25V Z |
| C811 | VE-30000345 | CAP EL | 10UF 50V M |
| C812 | VE-30000161 | CAP MKP | 47NF 630Vdc / 622Vpp J |
| C814 | VE-30000447 | CAP CER | 4.7NF 4KV M E |
| C815 | VE-30000294 | CAP SMD | 100NF 50V K |
| C816 | VE-30013533 | CAP CER | 100PF 1KV K |
| C817 | VE-30000431 | CAP CER | 100PF 1KV M |
| C818 | VE-30000433 | CAP CER | 1NF 1KV M B |
| C819 | VE-30000407 | CAP EL | 470UF 16V M. |
| C820 | VE-30000404 | CAP EL | 47UF 160V M (HR) 105° |
| C821 | VE-30000294 | CAP SMD | 100NF 50V K |
| C822 | VE-30018416 | CAP EL | 470UF 16V M 105° |
| C823 | VE-30000352 | CAP EL | 100UF 16V M |
| C824 | VE-30000352 | CAP EL | 100UF 16V M |
| C825 | VE-30000352 | CAP EL | 100UF 16V M |
| C826 | VE-30000092 | CAP MKT | 220NF 63V J |
| C827 | VE-30006672 | CAP EL | 47UF 160V M |
| C828 | VE-30013533 | CAP CER | 100PF 1KV K |
| C832 | VE-30009208 | CAP CER | 470PF 1KV K |
| C834 | VE-30007308 | CAP CER | 220PF 1KV K |
| C837 | VE-30009208 | CAP CER | 470PF 1KV K |
| C839 | VE-30000294 | CAP SMD | 100NF 50V K |
| C840 | VE-30000294 | CAP SMD | 100NF 50V K |
| C905 | VE-30012568 | CAP SMD | 270PF 50V J |
| C907 | VE-30012568 | CAP SMD | 270PF 50V J |
| C909 | VE-30012568 | CAP SMD | 270PF 50V J |
| C910 | VE-30000434 | CAP CER | 1NF 2KV K B |
| C911 | VE-30012579 | CAP SMD | 82PF 50V J |
| C912 | VE-30012579 | CAP SMD | 82PF 50V J |
| C913 | VE-30012579 | CAP SMD | 82PF 50V J |
| C915 | VE-30012567 | CAP SMD | 220PF 50V J |
| C916 | VE-30012567 | CAP SMD | 220PF 50V J |
| C917 | VE-30012567 | CAP SMD | 220PF 50V J |
| PL101 | VE-30000345 | CAP EL | 10UF 50V M |
| S102 | VE-30012560 | CAP SMD | 100PF 50V J |
| X403 | VE-30000074 | CAP MKT | 100NF 63V J |
| R101 | VE-30012509 | RES SMD | 1/16W 100K J |
| R102 | VE-30012641 | RES SMD | 1/16W 10K J |
| R106 | VE-30012696 | RES SMD | 1/16W 47K J |
| R109 | VE-30012641 | RES SMD | 1/16W 10K J |
| R110 | VE-30012713 | RES SMD | 1/16W 75R J |
| R111 | VE-30012713 | RES SMD | 1/16W 75R J |
| R112 | VE-30012696 | RES SMD | 1/16W 47K J |
| R113 | VE-30012713 | RES SMD | 1/16W 75R J |
| R114 | VE-30012692 | RES SMD | 1/16W 4.7K J |
| R115 | VE-30012713 | RES SMD | 1/16W 75R J |
| R117 | VE-30012986 | RES SMD | 1/16W 68R J |
| R118 | VE-30012713 | RES SMD | 1/16W 75R J |
| R121 | VE-30012657 | RES SMD | 1/16W 1K J |
| R123 | VE-30014128 | RES SMD | 1/16W 33R J |
| R125 | VE-30012713 | RES SMD | 1/16W 75R J |
| R126 | VE-30012695 | RES SMD | 1/16W 470R J |
| R127 | VE-30012713 | RES SMD | 1/16W 75R J |
| R128 | VE-30000459 | RES CF | 1/4W 100R J. |
| R130 | VE-30012641 | RES SMD | 1/16W 10K J |
| R131 | VE-30012649 | RES SMD | 1/16W 150R J |
| R132 | VE-30012649 | RES SMD | 1/16W 150R J |
| R201 | VE-30012674 | RES SMD | 1/16W 27K J |
| R203 | VE-30000583 | RES CF | 1/4W 220R J |
| R204 | VE-30012692 | RES SMD | 1/16W 4.7K J |
| R206 | VE-30000583 | RES CF | 1/4W 220R J |
| R401 | VE-30014076 | RES SMD | 1/16W 4.7R J |
| R402 | VE-30014076 | RES SMD | 1/16W 4.7R J |
| R408 | VE-30000466 | RES CF | 1/4W 1K J |
| R409 | VE-30012510 | RES SMD | 1/16W 100R J |
| R410 | VE-30012707 | RES SMD | 1/16W 680R J |
| R411 | VE-30012657 | RES SMD | 1/16W 1K J |
| R412 | VE-30012667 | RES SMD | 1/16W 220K J |
| R413 | VE-30000712 | RES CF | 1/4W 470R J |
| R414 | VE-30012649 | RES SMD | 1/16W 150R J |
| R415 | VE-30012683 | RES SMD | 1/16W 330K J |
| R416 | VE-30012713 | RES SMD | 1/16W 75R J |
| R417 | VE-30012650 | RES SMD | 1/16W 15K J |
| R418 | VE-30012510 | RES SMD | 1/16W 100R J |
| R419 | VE-30012510 | RES SMD | 1/16W 100R J |
| R420 | VE-30000466 | RES CF | 1/4W 1K J |
| R421 | VE-30012674 | RES SMD | 1/16W 27K J |
| R422 | VE-30012662 | RES SMD | 1/16W 2.7K J |
| R423 | VE-30012714 | RES SMD | 1/16W 820R J |
| R424 | VE-30012714 | RES SMD | 1/16W 820R J |
| R425 | VE-30012714 | RES SMD | 1/16W 820R J |
| R426 | VE-30000718 | RES CF | 1/4W 4.7K J |
| R427 | VE-30012657 | RES SMD | 1/16W 1K J |
| R428 | VE-30012696 | RES SMD | 1/16W 47K J |

| ⚠Ref No. | Part No. | Part Name | Description Local |
|---|---|---|---|
| R429 | VE-30000466 | RES CF | 1/4W 1K J |
| R430 | VE-30000466 | RES CF | 1/4W 1K J |
| R431 | VE-30000466 | RES CF | 1/4W 1K J |
| R433 | VE-30000712 | RES CF | 1/4W 470R J |
| R434 | VE-30012657 | RES SMD | 1/16W 1K J |
| R435 | VE-30012659 | RES SMD | 1/16W 2.2K J |
| R436 | VE-30012674 | RES SMD | 1/16W 27K J |
| R437 | VE-30012642 | RES SMD | 1/16W 120K J |
| R457 | VE-30012641 | RES SMD | 1/16W 10K J |
| R460 | VE-30012698 | RES SMD | 1/16W 5.6K J |
| R469 | VE-30012683 | RES SMD | 1/16W 330K J |
| R470 | VE-30000670 | RES CF | 1/4W 330K J |
| R474 | VE-30000748 | RES CF | 1/4W 5.6K J |
| R477 | VE-30012662 | RES SMD | 1/16W 2.7K J |
| R478 | VE-30014022 | RES SMD | 1/16W 47R J |
| R479 | VE-30012510 | RES SMD | 1/16W 100R J |
| R502 | VE-30012695 | RES SMD | 1/16W 470R J |
| R503 | VE-30012707 | RES SMD | 1/16W 680R J |
| R504 | VE-30012679 | RES SMD | 1/16W 3.9K J |
| R506 | VE-30012506 | RES SMD | 1/16W 1.5K J |
| R507 | VE-30012657 | RES SMD | 1/16W 1K J |
| R508 | VE-30014022 | RES SMD | 1/16W 47R J |
| R509 | VE-30012641 | RES SMD | 1/16W 10K J |
| R510 | VE-30012673 | RES SMD | 1/16W 270R J |
| R511 | VE-30012508 | RES SMD | 1/16W 1.8K J |
| R512 | VE-30000459 | RES CF | 1/4W 100R J |
| R513 | VE-30000459 | RES CF | 1/4W 100R J |
| R514 | VE-30012657 | RES SMD | 1/16W 1K J |
| R515 | VE-30012692 | RES SMD | 1/16W 4.7K J |
| R516 | VE-30012692 | RES SMD | 1/16W 4.7K J |
| R517 | VE-30012692 | RES SMD | 1/16W 4.7K J |
| R518 | VE-30012659 | RES SMD | 1/16W 2.2K J |
| R519 | VE-30012659 | RES SMD | 1/16W 2.2K J |
| R520 | VE-30012698 | RES SMD | 1/16W 5.6K J |
| R526 | VE-30012657 | RES SMD | 1/16W 1K J |
| R528 | VE-30012668 | RES SMD | 1/16W 220R J |
| R529 | VE-30000590 | RES CF | 1/4W 2.2K J |
| R530 | VE-30012641 | RES SMD | 1/16W 10K J |
| R531 | VE-30012698 | RES SMD | 1/16W 5.6K J |
| R533 | VE-30012698 | RES SMD | 1/16W 5.6K J |
| R534 | VE-30000500 | RES CF | 1/4W 12K J |
| R535 | VE-30012506 | RES SMD | 1/16W 1.5K J |
| R537 | VE-30000471 | RES CF | 1/4W 10K J |
| R541 | VE-30000500 | RES CF | 1/4W 12K J |
| R542 | VE-30012508 | RES SMD | 1/16W 1.8K J |
| R546 | VE-30012692 | RES SMD | 1/16W 4.7K J |
| R547 | VE-30012641 | RES SMD | 1/16W 10K J |
| R560 | VE-30000525 | RES CF | 1/2W 1.5K J |
| R564 | VE-30012641 | RES SMD | 1/16W 10K J |
| R565 | VE-30012641 | RES SMD | 1/16W 10K J |
| R566 | VE-30012641 | RES SMD | 1/16W 10K J |
| R568 | VE-30000459 | RES CF | 1/4W 100R J |
| R601 | VE-30000723 | RES CF | 1/4W 47K J |
| R602 | VE-30012642 | RES SMD | 1/16W 120K J |
| R603 | VE-30012711 | RES SMD | 1/16W 75K J |
| R604 | VE-30000718 | RES CF | 1/4W 4.7K J |
| R605 | VE-30012641 | RES SMD | 1/16W 10K J |
| R607 | VE-30015578 | RES SMD | 1/16W 2.2R J |
| R609 | VE-30001145 | RES MO | 1W 33R J |
| R610 | VE-30000519 | RES CF | 1/4W 150R J |
| R611 | VE-30000650 | RES CF | 1/4W 33R J |
| R612 | VE-30012508 | RES SMD | 1/16W 1.8K J |
| R613 | VE-30000828 | RES CF | 1/4W 8.2M J |
| R615 | VE-30012510 | RES SMD | 1/16W 100R J |
| R616 | VE-30001145 | RES MO | 1W 33R J |
| R617 | VE-30012677 | RES SMD | 1/16W 3.3K J |
| R618 | VE-30000769 | RES CF | 1/2W 680R J |
| R619 | VE-30000910 | RES MF | 1/2W 1.8R G |
| R623 | VE-30000869 | RES MF | 1/4W 12K J |
| R624 | VE-30000594 | RES CF | 1/4W 22K J |
| R625 | VE-30000469 | RES SMD | 1/10W 1K J |
| ⚠R626 | VE-30001215 | RES FUSE | 1W 1R J |
| R627 | VE-30000718 | RES CF | 1/4W 4.7K J |
| R628 | VE-30014941 | RES CF | 1/4W 16K J |
| R629 | VE-30000594 | RES CF | 1/4W 22K J |
| R631 | VE-30012508 | RES SMD | 1/16W 1.8K J |
| R633 | VE-30000564 | RES CF | 1/4W 18K J |
| R635 | VE-30012659 | RES SMD | 1/16W 2.2K J |
| R636 | VE-30006757 | RES MO | 1W 560R J |
| ⚠R637 | VE-30001225 | RES FUSE | 1/4W 0.22R J |
| R638 | VE-30006757 | RES MO | 1W 560R J |
| R639 | VE-30002731 | RES SMD | 1/10W 68R J |
| R640 | VE-30002731 | RES SMD | 1/10W 68R J |
| R801 | VE-30000983 | RES MF | 1/4W 4.7K F |
| R802 | VE-30012642 | RES SMD | 1/16W 120K J |
| R803 | VE-30007207 | RES SMD | 1/10W 22K F |
| R804 | VE-30000466 | RES CF | 1/4W 1K J |

| ⚠Ref No. | Part No. | Part Name | Description Local |
|---|---|---|---|
| R805 | VE-30000466 | RES CF | 1/4W 1K J |
| R807 | VE-30001157 | RES MO | 1W 330K J |
| R808 | VE-30000452 | RES CF | 1/4W 10R J |
| R809 | VE-30001183 | RES MO | 2W 56K J |
| R810 | VE-30017136 | RES MO | 1W 0.56R J |
| ⚠R811 | VE-30001257 | RES MG | 1/2W 4.7M J |
| R813 | VE-30000470 | RES CF | 1/2W 10K J |
| R814 | VE-30000649 | RES CF | 1/2W 33R J |
| R815 | VE-30000524 | RES SMD | 1/10W 150R J |
| R816 | VE-30000470 | RES CF | 1/2W 10K J |
| R817 | VE-30000594 | RES CF | 1/4W 22K J |
| R820 | VE-30000469 | RES SMD | 1/10W 1K J |
| ⚠R821 | VE-30001229 | RES FUSE | 1W 2.2R J |
| R828 | VE-30001185 | RES MO | 2W 5.6R J |
| R829 | VE-30012714 | RES SMD | 1/16W 820R J |
| ⚠R830 | VE-30001245 | RES FUSE | 1/4W 0.47R J |
| R831 | VE-30012677 | RES SMD | 1/16W 3.3K J |
| ⚠R832 | VE-30018085 | CAP VAR | 510V K |
| R901 | VE-30012688 | RES SMD | 1/16W 390R J |
| R902 | VE-30012688 | RES SMD | 1/16W 390R J |
| R903 | VE-30012688 | RES SMD | 1/16W 390R J |
| R904 | VE-30012508 | RES SMD | 1/16W 1.8K J |
| R905 | VE-30012508 | RES SMD | 1/16W 1.8K J |
| R906 | VE-30012508 | RES SMD | 1/16W 1.8K J |
| R907 | VE-30014022 | RES SMD | 1/16W 47R J |
| R908 | VE-30014022 | RES SMD | 1/16W 47R J |
| R909 | VE-30014022 | RES SMD | 1/16W 47R J |
| R910 | VE-30012695 | RES SMD | 1/16W 470R J |
| R911 | VE-30012695 | RES SMD | 1/16W 470R J |
| R912 | VE-30012695 | RES SMD | 1/16W 470R J |
| R913 | VE-30001116 | RES MO | 2W 18K J |
| R914 | VE-30001116 | RES MO | 2W 18K J |
| R915 | VE-30001116 | RES MO | 2W 18K J |
| R916 | VE-30000459 | RES CF | 1/4W 100R J |
| R917 | VE-30012510 | RES SMD | 1/16W 100R J |
| R918 | VE-30012510 | RES SMD | 1/16W 100R J |
| R919 | VE-30000526 | RES CF | 1/4W 1.5K J |
| R920 | VE-30000526 | RES CF | 1/4W 1.5K J |
| R921 | VE-30000526 | RES CF | 1/4W 1.5K J |
| J142 | VE-30000461 | RES CF | 1/6W 100R J |
| L101 | VE-30001971 | FERRITE SMD | |
| L103 | VE-30001971 | FERRITE SMD | |
| L104 | VE-30001734 | JUMPER SMD | |
| L105 | VE-30001971 | FERRITE SMD | |
| L106 | VE-30001971 | FERRITE SMD | |
| L201 | VE-30001992 | FIXED COIL | 10UH |
| L204 | VE-30001984 | FIXED COIL | 2.2UH |
| L402 | VE-30001992 | FIXED COIL | 10UH |
| L403 | VE-30001990 | FIXED COIL | 6.8UH |
| L404 | VE-30001987 | FIXED COIL | 4.7UH |
| L406 | VE-30001971 | FERRITE SMD | |
| L407 | VE-30001992 | FIXED COIL | 10UH |
| L410 | VE-30001992 | FIXED COIL | 10UH |
| L601 | VE-30001990 | FIXED COIL | 6.8UH |
| L802 | VE-30001971 | FERRITE SMD | |
| L803 | VE-30001984 | FIXED COIL | 2.2UH |
| L804 | VE-30001971 | FERRITE SMD | |
| L805 | VE-30001971 | FERRITE SMD | |
| L806 | VE-30002011 | FIXED COIL | 150UH |
| L811 | VE-30001990 | FIXED COIL | 6.8UH |
| J128 | VE-30002002 | FIXED COIL | 47UH |
| J168 | VE-30001992 | FIXED COIL | 10UH |
| ⚠TR601 | VE-30017788 | TRF FBT | |
| ⚠TR801 | VE-30015302 | TRF SMPS | (170-270V) |
| ⚠F801 | VE-30001731 | FUSE | 2.5A 250V |
| ⚠L801 | VE-30002100 | LINE FILTER | |
| LX810 | VE-30010964 | FERRITE SMD | |
| PL102 | VE-30015053 | SOCKET SCART | |
| ⚠PL902 | VE-30001860 | SOCKET CRT | |
| SW501 | VE-30015988 | SWITCH TACT | |
| SW502 | VE-30015988 | SWITCH TACT | |
| SW503 | VE-30015988 | SWITCH TACT | |
| SW504 | VE-30015988 | SWITCH TACT | |
| ⚠SW801 | VE-30017848 | SWITCH ON/OFF | |
| ⚠TH800 | VE-30001270 | PTC | 9 OHM |
| TU201 | VE-30009637 | TUNER WSP (PLL) | |
| VL405 | VE-30026042 | ADJ.COIL | |
| X401 | VE-30001749 | XTAL | |
| X402 | VE-30015592 | XTAL | |
| X501 | VE-30002851 | XTAL | |
| Z401 | VE-30018329 | FILTER SER TRAP | 5.5MHZ |
| Z403 | VE-30012622 | FILTER SAW | |

## FRONT AV JACK P.W. BOARD ASS'Y (VE-20124552)

REFER TO PARTS LIST IN PAGE 3-6 FOR THIS P.W. BOARD.

## HEADPHONE JACK P.W. BOARD ASS'Y (VE-20170438)

REFER TO PARTS LIST IN PAGE 3-6 FOR THIS P.W. BOARD.

# PRINTED WIRING BOARD PARTS LIST [AV-14RM4SP]

## MAIN P.W. BOARD ASS'Y (VE-20159384)

| ⚠Ref No. | Part No. | Part Name | Description Local |
|---|---|---|---|
| IC403 | VE-30026922 | IC | |
| IC404 | VE-30001612 | IC | |
| IC500 | VE-20109888 | IC(MEMORY) | |
| IC501 | VE-20093790 | IC(MICOM) | |
| IC502 | VE-30001670 | PREAMPLIFIER | |
| ⚠IC600 | VE-30015306 | IC | |
| IC810 | VE-20079043 | IC | |
| IC841 | VE-30001627 | IC | |
| IC842 | VE-30001622 | IC | |
| Q101 | VE-30001457 | TRANSISTOR | |
| Q102 | VE-30001457 | TRANSISTOR | |
| Q103 | VE-30001457 | TRANSISTOR | |
| Q104 | VE-30001457 | TRANSISTOR | |
| Q455 | VE-30001457 | TRANSISTOR | |
| Q456 | VE-30001457 | TRANSISTOR | |
| Q457 | VE-30001457 | TRANSISTOR | |
| Q458 | VE-30001457 | TRANSISTOR | |
| Q459 | VE-30001457 | TRANSISTOR | |
| Q501 | VE-30001458 | TRANSISTOR | |
| Q601 | VE-30013656 | TRANSISTOR POWER | |
| Q602 | VE-20090846 | TRANSISTOR | |
| Q603 | VE-30001457 | TRANSISTOR | |
| Q801 | VE-30001385 | TRANSISTOR | |
| Q803 | VE-30001457 | TRANSISTOR | |
| Q805 | VE-30014346 | IC | |
| Q901 | VE-30001461 | TRANSISTOR | |
| Q902 | VE-30001461 | TRANSISTOR | |
| Q903 | VE-30001461 | TRANSISTOR | |
| Q904 | VE-30001426 | TRANSISTOR | |
| Q905 | VE-30001426 | TRANSISTOR | |
| Q906 | VE-30001426 | TRANSISTOR | |
| D101 | VE-30007763 | DIODE ZENER | |
| D108 | VE-30009699 | DIODE ZENER | |
| D109 | VE-30007763 | DIODE ZENER | |
| D110 | VE-30007763 | DIODE ZENER | |
| D111 | VE-30003720 | DIODE ZENER | |
| D402 | VE-30007763 | DIODE ZENER | |
| D404 | VE-30012411 | DIODE | |
| D405 | VE-30012411 | DIODE | |
| D406 | VE-30001285 | DIODE | |
| D407 | VE-30001285 | DIODE | |
| D410 | VE-30018576 | DIODE ZENER | |
| D411 | VE-30018576 | DIODE ZENER | |
| D412 | VE-30018576 | DIODE ZENER | |
| D413 | VE-30009699 | DIODE ZENER | |
| D414 | VE-30009699 | DIODE ZENER | |
| D501 | VE-30001285 | DIODE | |
| D502 | VE-30007761 | DIODE ZENER | |
| D503 | VE-30001284 | DIODE | |
| D504 | VE-30001284 | DIODE | |
| D505 | VE-30001377 | DIODE ZENER | |
| D509 | VE-30001279 | LED | |
| D601 | VE-30001329 | DIODE | |
| D602 | VE-30001285 | DIODE | |
| D604 | VE-30001318 | DIODE | |
| D605 | VE-30001318 | DIODE | |
| D606 | VE-30001318 | DIODE | |
| D609 | VE-30001284 | DIODE | |
| D610 | VE-30009699 | DIODE ZENER | |
| D801 | VE-30001285 | DIODE | |
| D802 | VE-30001318 | DIODE | |
| D803 | VE-30001331 | DIODE | |
| D804 | VE-30001288 | DOIDE | |
| D805 | VE-30001301 | DIODE | |
| D806 | VE-30001288 | DOIDE | |
| ⚠D811 | VE-30001318 | DIODE | |
| D839 | VE-30007763 | DIODE ZENER | |
| D901 | VE-30001285 | DIODE | |
| D902 | VE-30001285 | DIODE | |
| D903 | VE-30001285 | DIODE | |
| C103 | VE-30000371 | CAP EL | 22UF 50V M |
| C104 | VE-30012589 | CAP SMD | 4.7NF 50V K |
| C105 | VE-30016654 | CAP SMD | 100NF 16V K R |
| C106 | VE-30012589 | CAP SMD | 4.7NF 50V K |
| C108 | VE-30012589 | CAP SMD | 4.7NF 50V K |
| C201 | VE-30000400 | CAP EL | 47UF 50V M |
| C206 | VE-30000371 | CAP EL | 22UF 50V M |
| C207 | VE-30012610 | CAP SMD | 10NF 50V J |

| ⚠Ref No. | Part No. | Part Name | Description Local |
|---|---|---|---|
| C208 | VE-30012610 | CAP SMD | 10NF 50V J |
| C401 | VE-30000345 | CAP EL | 10UF 50V M |
| C402 | VE-30000289 | CAP SMD | 10NF 50V K R |
| C403 | VE-30012610 | CAP SMD | 10NF 50V J |
| C404 | VE-30016654 | CAP SMD | 100NF 16V K R |
| C405 | VE-30016654 | CAP SMD | 100NF 16V K R |
| C408 | VE-30000074 | CAP MKT | 100NF 63V J |
| C409 | VE-30000384 | CAP EL | 2.2UF 50V M |
| C410 | VE-30000109 | CAP MKT | 470NF 63V J |
| C411 | VE-30000074 | CAP MKT | 100NF 63V J |
| C413 | VE-30016654 | CAP SMD | 100NF 16V K R |
| C415 | VE-30000362 | CAP EL | 1UF 50V M |
| C416 | VE-30012586 | CAP SMD | 22NF 50V K |
| C417 | VE-30000362 | CAP EL | 1UF 50V M |
| C418 | VE-30000362 | CAP EL | 1UF 50V M |
| C419 | VE-30000074 | CAP MKT | 100NF 63V J |
| C420 | VE-30000345 | CAP EL | 10UF 50V M |
| C421 | VE-30012581 | CAP SMD | 1NF 50V K R |
| C422 | VE-30000100 | CAP MKT | 330NF 63V J |
| C423 | VE-30012586 | CAP SMD | 22NF 50V K |
| C424 | VE-30000109 | CAP MKT | 470NF 63V J |
| C425 | VE-30000074 | CAP MKT | 100NF 63V J |
| C427 | VE-30000362 | CAP EL | 1UF 50V M |
| C428 | VE-30000362 | CAP EL | 1UF 50V M |
| C429 | VE-30012586 | CAP SMD | 22NF 50V K |
| C431 | VE-30016654 | CAP SMD | 100NF 16V K R |
| C432 | VE-30016654 | CAP SMD | 100NF 16V K R |
| C434 | VE-30012586 | CAP SMD | 22NF 50V K |
| C435 | VE-30012585 | CAP SMD | 2.2NF 50V K R |
| C436 | VE-30007082 | CAP MKT | 680NF 63V J |
| C438 | VE-30000384 | CAP EL | 2.2UF 50V M |
| C440 | VE-30012589 | CAP SMD | 4.7NF 50V K |
| C442 | VE-30000362 | CAP EL | 1UF 50V M |
| C443 | VE-30000345 | CAP EL | 10UF 50V M |
| C451 | VE-30012567 | CAP SMD | 220PF 50V J |
| C458 | VE-30012567 | CAP SMD | 220PF 50V J |
| C459 | VE-30000345 | CAP EL | 10UF 50V M |
| C460 | VE-30000371 | CAP EL | 22UF 50V M |
| C464 | VE-30012610 | CAP SMD | 10NF 50V J |
| C465 | VE-30012575 | CAP SMD | 4.7PF 50V C CH |
| C468 | VE-30012574 | CAP SMD | 470PF 50V J |
| C501 | VE-30000074 | CAP MKT | 100NF 63V J |
| C502 | VE-30000396 | CAP EL | 47UF 16V M |
| C503 | VE-30012603 | CAP SMD | 100NF 25V K R |
| C504 | VE-30012589 | CAP SMD | 4.7NF 50V K |
| C508 | VE-30012586 | CAP SMD | 22NF 50V K |
| C509 | VE-30012566 | CAP SMD | 22PF 50V J |
| C511 | VE-30000371 | CAP EL | 22UF 50V M |
| C513 | VE-30012579 | CAP SMD | 82PF 50V J |
| C514 | VE-30000100 | CAP MKT | 330NF 63V J |
| C515 | VE-30012586 | CAP SMD | 22NF 50V K |
| C518 | VE-30012560 | CAP SMD | 100PF 50V J |
| C519 | VE-30012562 | CAP SMD | 15PF 50V J |
| C520 | VE-30012562 | CAP SMD | 15PF 50V J |
| C521 | VE-30012585 | CAP SMD | 2.2NF 50V K R |
| C523 | VE-30012566 | CAP SMD | 22PF 50V J |
| C526 | VE-30012589 | CAP SMD | 4.7NF 50V K |
| C534 | VE-30000431 | CAP CER | 100PF 1KV M |
| C535 | VE-30006753 | CAP CER | 220PF 1KV K B |
| C536 | VE-30012607 | CAP SMD | 150PF 50V J |
| C538 | VE-30012560 | CAP SMD | 100PF 50V J |
| C539 | VE-30000400 | CAP EL | 47UF 50V M |
| C540 | VE-30000315 | CAP SMD | 220NF 25V Z |
| C541 | VE-30012590 | CAP SMD | 47NF 50V K |
| C542 | VE-30010571 | CAP EL | 10UF 16V M |
| C602 | VE-30000107 | CAP MKT | 47NF 250V J |
| C603 | VE-30000100 | CAP MKT | 330NF 63V J |
| C604 | VE-30018416 | CAP EL | 470UF 16V M 105° |
| C605 | VE-30000354 | CAP EL | 100UF 35V M |
| C606 | VE-30000092 | CAP MKT | 220NF 63V J |
| C607 | VE-30016085 | CAP EL | 10UF 63V 105° |
| C609 | VE-30000371 | CAP EL | 22UF 50V M |
| C610 | VE-30000360 | CAP EL | 1000UF 25V M |
| ⚠C611 | VE-30000179 | CAP MKP | 9.1NF 1600Vdc1250Vpp %3.5 |
| C613 | VE-30000350 | CAP EL | 10UF 250V M |
| C616 | VE-30000156 | CAP MKP | 430NF 250V J |
| C617 | VE-30007750 | CAP EL | 470UF 35V |
| C618 | VE-30000092 | CAP MKT | 220NF 63V J |
| C619 | VE-30000384 | CAP EL | 2.2UF 50V M |
| C643 | VE-30000394 | CAP EL | 3.3UF 160V M |
| C644 | VE-30000345 | CAP EL | 10UF 50V M |
| C646 | VE-30012581 | CAP SMD | 1NF 50V K R |
| C647 | VE-30000116 | CAP MKT | 68NF 63V J |
| C648 | VE-30012609 | CAP SMD | 68NF 50V K |

| ⚠Ref No. | Part No. | Part Name | Description Local |
|---|---|---|---|
| C649 | VE-30012573 | CAP SMD | 47PF 50V J |
| C650 | VE-30000294 | CAP SMD | 100NF 50V K |
| ⚠C801 | VE-30000094 | CAP MKT | 220NF 275V M |
| ⚠C802 | VE-30000084 | CAP MKT | 150NF 275V M |
| C805 | VE-30012585 | CAP SMD | 2.2NF 50V K R |
| C806 | VE-30012574 | CAP SMD | 470PF 50V J |
| C807 | VE-30000090 | CAP MKT | 22NF 100V J |
| C808 | VE-30000418 | CAP EL | 100UF 400V M |
| C810 | VE-30000315 | CAP SMD | 220NF 25V Z |
| C811 | VE-30000345 | CAP EL | 10UF 50V M |
| C812 | VE-30000161 | CAP MKP | 47NF 630Vdc / 622Vpp J |
| C814 | VE-30000447 | CAP CER | 4.7NF 4KV M E |
| C815 | VE-30000294 | CAP SMD | 100NF 50V K |
| C816 | VE-30013533 | CAP CER | 100PF 1KV K |
| C817 | VE-30000431 | CAP CER | 100PF 1KV M |
| C818 | VE-30000433 | CAP CER | 1NF 1KV M B |
| C819 | VE-30000407 | CAP EL | 470UF 16V M |
| C820 | VE-30000404 | CAP EL | 47UF 160V M (HR) 105° |
| C821 | VE-30000294 | CAP SMD | 100NF 50V K |
| C822 | VE-30018416 | CAP EL | 470UF 16V M 105° |
| C823 | VE-30000352 | CAP EL | 100UF 16V M |
| C824 | VE-30000352 | CAP EL | 100UF 16V M |
| C825 | VE-30000352 | CAP EL | 100UF 16V M |
| C826 | VE-30000092 | CAP MKT | 220NF 63V J |
| C827 | VE-30006672 | CAP EL | 47UF 160V M |
| C828 | VE-30013533 | CAP CER | 100PF 1KV K |
| C832 | VE-30009208 | CAP CER | 470PF 1KV K |
| C834 | VE-30007308 | CAP CER | 220PF 1KV K |
| C837 | VE-30009208 | CAP CER | 470PF 1KV K |
| C839 | VE-30000294 | CAP SMD | 100NF 50V K |
| C840 | VE-30000294 | CAP SMD | 100NF 50V K |
| C905 | VE-30012568 | CAP SMD | 270PF 50V J |
| C907 | VE-30012568 | CAP SMD | 270PF 50V J |
| C909 | VE-30012568 | CAP SMD | 270PF 50V J |
| C910 | VE-30000434 | CAP CER | 1NF 2KV K B |
| C911 | VE-30012579 | CAP SMD | 82PF 50V J |
| C912 | VE-30012579 | CAP SMD | 82PF 50V J |
| C913 | VE-30012579 | CAP SMD | 82PF 50V J |
| C915 | VE-30012567 | CAP SMD | 220PF 50V J |
| C916 | VE-30012567 | CAP SMD | 220PF 50V J |
| C917 | VE-30012567 | CAP SMD | 220PF 50V J |
| PL101 | VE-30000345 | CAP EL | 10UF 50V M |
| S102 | VE-30012560 | CAP SMD | 100PF 50V J |
| X403 | VE-30000074 | CAP MKT | 100NF 63V J |
| R101 | VE-30012509 | RES SMD | 1/16W 100K J |
| R102 | VE-30012641 | RES SMD | 1/16W 10K J |
| R106 | VE-30012696 | RES SMD | 1/16W 47K J |
| R109 | VE-30012641 | RES SMD | 1/16W 10K J |
| R110 | VE-30012713 | RES SMD | 1/16W 75R J |
| R111 | VE-30012713 | RES SMD | 1/16W 75R J |
| R112 | VE-30012696 | RES SMD | 1/16W 47K J |
| R113 | VE-30012713 | RES SMD | 1/16W 75R J |
| R114 | VE-30012692 | RES SMD | 1/16W 4.7K J |
| R115 | VE-30012713 | RES SMD | 1/16W 75R J |
| R117 | VE-30012986 | RES SMD | 1/16W 68R J |
| R118 | VE-30012713 | RES SMD | 1/16W 75R J |
| R121 | VE-30012657 | RES SMD | 1/16W 1K J |
| R123 | VE-30014128 | RES SMD | 1/16W 33R J |
| R125 | VE-30012713 | RES SMD | 1/16W 75R J |
| R126 | VE-30012695 | RES SMD | 1/16W 470R J |
| R127 | VE-30012713 | RES SMD | 1/16W 75R J |
| R128 | VE-30000459 | RES CF | 1/4W 100R J |
| R130 | VE-30012641 | RES SMD | 1/16W 10K J |
| R131 | VE-30012649 | RES SMD | 1/16W 150R J |
| R132 | VE-30012649 | RES SMD | 1/16W 150R J |
| R201 | VE-30012674 | RES SMD | 1/16W 27K J |
| R203 | VE-30000583 | RES CF | 1/4W 220R J |
| R204 | VE-30012692 | RES SMD | 1/16W 4.7K J |
| R206 | VE-30000583 | RES CF | 1/4W 220R J |
| R401 | VE-30014076 | RES SMD | 1/16W 4.7R J |
| R402 | VE-30014076 | RES SMD | 1/16W 4.7R J |
| R408 | VE-30000466 | RES CF | 1/4W 1K J |
| R409 | VE-30012510 | RES SMD | 1/16W 100R J |
| R410 | VE-30012707 | RES SMD | 1/16W 680R J |
| R411 | VE-30012657 | RES SMD | 1/16W 1K J |
| R412 | VE-30012667 | RES SMD | 1/16W 220K J |
| R413 | VE-30000712 | RES CF | 1/4W 470R J |
| R414 | VE-30012649 | RES SMD | 1/16W 150R J |
| R415 | VE-30012683 | RES SMD | 1/16W 330K J |
| R416 | VE-30012713 | RES SMD | 1/16W 75R J |
| R417 | VE-30012650 | RES SMD | 1/16W 15K J |
| R418 | VE-30012510 | RES SMD | 1/16W 100R J |
| R419 | VE-30012510 | RES SMD | 1/16W 100R J |
| R420 | VE-30000466 | RES CF | 1/4W 1K J |
| R421 | VE-30012674 | RES SMD | 1/16W 27K J |
| R422 | VE-30012662 | RES SMD | 1/16W 2.7K J |
| R423 | VE-30012714 | RES SMD | 1/16W 820R J |
| R424 | VE-30012714 | RES SMD | 1/16W 820R J |
| R425 | VE-30012714 | RES SMD | 1/16W 820R J |
| R426 | VE-30000718 | RES CF | 1/4W 4.7K J |
| R427 | VE-30012657 | RES SMD | 1/16W 1K J |
| R428 | VE-30012696 | RES SMD | 1/16W 47K J |
| R429 | VE-30000466 | RES CF | 1/4W 1K J |
| R430 | VE-30000466 | RES CF | 1/4W 1K J |
| R431 | VE-30000466 | RES CF | 1/4W 1K J |
| R433 | VE-30000712 | RES CF | 1/4W 470R J |
| R434 | VE-30012657 | RES SMD | 1/16W 1K J |
| R435 | VE-30012659 | RES SMD | 1/16W 2.2K J |
| R436 | VE-30012674 | RES SMD | 1/16W 27K J |
| R437 | VE-30012642 | RES SMD | 1/16W 120K J |
| R457 | VE-30012641 | RES SMD | 1/16W 10K J |
| R460 | VE-30012698 | RES SMD | 1/16W 5.6K J |
| R461 | VE-30012641 | RES SMD | 1/16W 10K J |
| R462 | VE-30012641 | RES SMD | 1/16W 10K J |
| R463 | VE-30012696 | RES SMD | 1/16W 47K J |
| R464 | VE-30012696 | RES SMD | 1/16W 47K J |
| R465 | VE-30012508 | RES SMD | 1/16W 1.8K J |
| R467 | VE-30012641 | RES SMD | 1/16W 10K J |
| R468 | VE-30012641 | RES SMD | 1/16W 10K J |
| R469 | VE-30012683 | RES SMD | 1/16W 330K J |
| R470 | VE-30000670 | RES CF | 1/4W 330K J |
| R474 | VE-30000748 | RES CF | 1/4W 5.6K J |
| R477 | VE-30012662 | RES SMD | 1/16W 2.7K J |
| R478 | VE-30014022 | RES SMD | 1/16W 47R J |
| R479 | VE-30012510 | RES SMD | 1/16W 100R J |
| R502 | VE-30012695 | RES SMD | 1/16W 470R J |
| R503 | VE-30012707 | RES SMD | 1/16W 680R J |
| R504 | VE-30012679 | RES SMD | 1/16W 3.9K J |
| R506 | VE-30012506 | RES SMD | 1/16W 1.5K J |
| R507 | VE-30012657 | RES SMD | 1/16W 1K J |
| R508 | VE-30014022 | RES SMD | 1/16W 47R J |
| R509 | VE-30012641 | RES SMD | 1/16W 10K J |
| R510 | VE-30012673 | RES SMD | 1/16W 270R J |
| R511 | VE-30012508 | RES SMD | 1/16W 1.8K J |
| R512 | VE-30000459 | RES CF | 1/4W 100R J |
| R513 | VE-30000459 | RES CF | 1/4W 100R J |
| R514 | VE-30012657 | RES SMD | 1/16W 1K J |
| R515 | VE-30012692 | RES SMD | 1/16W 4.7K J |
| R516 | VE-30012692 | RES SMD | 1/16W 4.7K J |
| R517 | VE-30012692 | RES SMD | 1/16W 4.7K J |
| R518 | VE-30012659 | RES SMD | 1/16W 2.2K J |
| R519 | VE-30012659 | RES SMD | 1/16W 2.2K J |
| R520 | VE-30012698 | RES SMD | 1/16W 5.6K J |
| R526 | VE-30012657 | RES SMD | 1/16W 1K J |
| R528 | VE-30012668 | RES SMD | 1/16W 220R J |
| R529 | VE-30000590 | RES CF | 1/4W 2.2K J |
| R530 | VE-30012641 | RES SMD | 1/16W 10K J |
| R531 | VE-30012698 | RES SMD | 1/16W 5.6K J |
| R533 | VE-30012698 | RES SMD | 1/16W 5.6K J |
| R534 | VE-30000500 | RES CF | 1/4W 12K J |
| R535 | VE-30012506 | RES SMD | 1/16W 1.5K J |
| R537 | VE-30000471 | RES CF | 1/4W 10K J |
| R541 | VE-30000500 | RES CF | 1/4W 12K J |
| R542 | VE-30012508 | RES SMD | 1/16W 1.8K J |
| R546 | VE-30012692 | RES SMD | 1/16W 4.7K J |
| R547 | VE-30012641 | RES SMD | 1/16W 10K J |
| R560 | VE-30000525 | RES CF | 1/2W 1.5K J |
| R563 | VE-30012692 | RES SMD | 1/16W 4.7K J |
| R564 | VE-30012641 | RES SMD | 1/16W 10K J |
| R565 | VE-30012641 | RES SMD | 1/16W 10K J |
| R566 | VE-30012641 | RES SMD | 1/16W 10K J |
| R568 | VE-30000459 | RES CF | 1/4W 100R J |
| R601 | VE-30000723 | RES CF | 1/4W 47K J |
| R602 | VE-30012642 | RES SMD | 1/16W 120K J |
| R603 | VE-30012711 | RES SMD | 1/16W 75K J |
| R604 | VE-30000718 | RES CF | 1/4W 4.7K J |
| R605 | VE-30012641 | RES SMD | 1/16W 10K J |
| R607 | VE-30015578 | RES SMD | 1/16W 2.2R J |
| R609 | VE-30001145 | RES MO | 1W 33R J |
| R610 | VE-30000519 | RES CF | 1/4W 150R J |
| R611 | VE-30000650 | RES CF | 1/4W 33R J |
| R612 | VE-30012508 | RES SMD | 1/16W 1.8K J |
| R613 | VE-30000828 | RES CF | 1/4W 8.2M J |
| R615 | VE-30012510 | RES SMD | 1/16W 100R J |
| R616 | VE-30001145 | RES MO | 1W 33R J |
| R617 | VE-30012677 | RES SMD | 1/16W 3.3K J |
| R618 | VE-30000769 | RES CF | 1/2W 680R J |
| R619 | VE-30000910 | RES MF | 1/2W 1.8R G |
| R623 | VE-30000869 | RES MF | 1/4W 12K J |
| R624 | VE-30000594 | RES CF | 1/4W 22K J |
| R625 | VE-30000469 | RES SMD | 1/10W 1K J |
| ⚠R626 | VE-30001215 | RES FUSE | 1W 1R J |
| R627 | VE-30000718 | RES CF | 1/4W 4.7K J |

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| R628 | VE-30014941 | RES CF | 1/4W 16K J | |
| R629 | VE-30000594 | RES CF | 1/4W 22K J | |
| R631 | VE-30012508 | RES SMD | 1/16W 1.8K J | |
| R633 | VE-30000564 | RES CF | 1/4W 18K J | |
| R635 | VE-30012659 | RES SMD | 1/16W 2.2K J | |
| R636 | VE-30006757 | RES MO | 1W 560R J | |
| ⚠R637 | VE-30001225 | RES FUSE | 1/4W 0.22R J | |
| R638 | VE-30006757 | RES MO | 1W 560R J | |
| R639 | VE-30002731 | RES SMD | 1/10W 68R J | |
| R640 | VE-30002731 | RES SMD | 1/10W 68R J | |
| R801 | VE-30000983 | RES MF | 1/4W 4.7K F | |
| R802 | VE-30012642 | RES SMD | 1/16W 120K J | |
| R803 | VE-30007207 | RES SMD | 1/10W 22K F | |
| R804 | VE-30000466 | RES CF | 1/4W 1K J | |
| R805 | VE-30000466 | RES CF | 1/4W 1K J | |
| R807 | VE-30001157 | RES MO | 1W 330K J | |
| R808 | VE-30000452 | RES CF | 1/4W 10R J | |
| R809 | VE-30001183 | RES MO | 2W 56K J | |
| R810 | VE-30017136 | RES MO | 1W 0.56R J | |
| ⚠R811 | VE-30001257 | RES MG | 1/2W 4.7M J | |
| R813 | VE-30000470 | RES CF | 1/2W 10K J | |
| R814 | VE-30000649 | RES CF | 1/2W 33R J | |
| R815 | VE-30000524 | RES SMD | 1/10W 150R J | |
| R816 | VE-30000470 | RES CF | 1/2W 10K J | |
| R817 | VE-30000594 | RES CF | 1/4W 22K J | |
| R820 | VE-30000469 | RES SMD | 1/10W 1K J | |
| ⚠R821 | VE-30001229 | RES FUSE | 1W 2.2R J | |
| R828 | VE-30001185 | RES MO | 2W 5.6R J | |
| R829 | VE-30012714 | RES SMD | 1/16W 820R J | |
| ⚠R830 | VE-30001245 | RES FUSE | 1/4W 0.47R J | |
| R831 | VE-30012677 | RES SMD | 1/16W 3.3K J | |
| ⚠R832 | VE-30018085 | CAP VAR | 510V K | |
| R901 | VE-30012688 | RES SMD | 1/16W 390R J | |
| R902 | VE-30012688 | RES SMD | 1/16W 390R J | |
| R903 | VE-30012688 | RES SMD | 1/16W 390R J | |
| R904 | VE-30012508 | RES SMD | 1/16W 1.8K J | |
| R905 | VE-30012508 | RES SMD | 1/16W 1.8K J | |
| R906 | VE-30012508 | RES SMD | 1/16W 1.8K J | |
| R907 | VE-30014022 | RES SMD | 1/16W 47R J | |
| R908 | VE-30014022 | RES SMD | 1/16W 47R J | |
| R909 | VE-30014022 | RES SMD | 1/16W 47R J | |
| R910 | VE-30012695 | RES SMD | 1/16W 470R J | |
| R911 | VE-30012695 | RES SMD | 1/16W 470R J | |
| R912 | VE-30012695 | RES SMD | 1/16W 470R J | |
| R913 | VE-30001116 | RES MO | 2W 18K J | |
| R914 | VE-30001116 | RES MO | 2W 18K J | |
| R915 | VE-30001116 | RES MO | 2W 18K J | |
| R916 | VE-30000459 | RES CF | 1/4W 100R J | |
| R917 | VE-30012510 | RES SMD | 1/16W 100R J | |
| R918 | VE-30012510 | RES SMD | 1/16W 100R J | |
| R919 | VE-30000526 | RES CF | 1/4W 1.5K J | |
| R920 | VE-30000526 | RES CF | 1/4W 1.5K J | |
| R921 | VE-30000526 | RES CF | 1/4W 1.5K J | |
| J142 | VE-30000461 | RES CF | 1/6W 100R J | |
| L104 | VE-30001734 | JUMPER SMD | | |
| L201 | VE-30001992 | FIXED COIL | 10UH | |
| L204 | VE-30001984 | FIXED COIL | 2.2UH | |
| L402 | VE-30001992 | FIXED COIL | 10UH | |
| L403 | VE-30001990 | FIXED COIL | 6.8UH | |
| L404 | VE-30001987 | FIXED COIL | 4.7UH | |
| L407 | VE-30001992 | FIXED COIL | 10UH | |
| L410 | VE-30001992 | FIXED COIL | 10UH | |
| L601 | VE-30001990 | FIXED COIL | 6.8UH | |
| L803 | VE-30001984 | FIXED COIL | 2.2UH | |
| L806 | VE-30002011 | FIXED COIL | 150UH | |
| L811 | VE-30001990 | FIXED COIL | 6.8UH | |
| J128 | VE-30002002 | FIXED COIL | 47UH | |
| J168 | VE-30001992 | FIXED COIL | 10UH | |
| ⚠TR601 | VE-30017788 | TRF FBT | | |
| ⚠TR801 | VE-30015302 | TRF SMPS | | |
| ⚠F801 | VE-30001731 | FUSE | 2.5A | |
| L101 | VE-30001971 | FERRITE SMD | | |
| L103 | VE-30001971 | FERRITE SMD | | |
| L105 | VE-30001971 | FERRITE SMD | | |
| L106 | VE-30001971 | FERRITE SMD | | |
| L406 | VE-30001971 | FERRITE SMD | | |
| ⚠L801 | VE-30002100 | LINE FILTER | | |
| L802 | VE-30001971 | FERRITE SMD | | |
| L804 | VE-30001971 | FERRITE SMD | | |
| L805 | VE-30001971 | FERRITE SMD | | |
| LX810 | VE-30010964 | FERRITE SMD | | |
| PL102 | VE-30015053 | SOCKET SCART | | |
| ⚠PL902 | VE-30001860 | SOCKET CRT | | |
| SW501 | VE-30015988 | SWITCH TACT | | |
| SW502 | VE-30015988 | SWITCH TACT | | |
| SW503 | VE-30015988 | SWITCH TACT | | |
| SW504 | VE-30015988 | SWITCH TACT | | |
| ⚠SW801 | VE-30017848 | SWITCH ON/OFF | | |
| ⚠TH800 | VE-30001270 | PTC | 9 OHM | |
| TU201 | VE-30009637 | TUNER WSP (PLL) | | |
| VL405 | VE-30026042 | ADJ.COIL | | |
| X401 | VE-30001749 | XTAL | | |
| X402 | VE-30015592 | XTAL | | |
| X501 | VE-30002851 | XTAL | | |
| Z401 | VE-30001728 | TRIPLE TRAP | | |
| Z403 | VE-30001690 | FILTER SAW | | |
| Z404 | VE-30001707 | FILTER SAW | | |

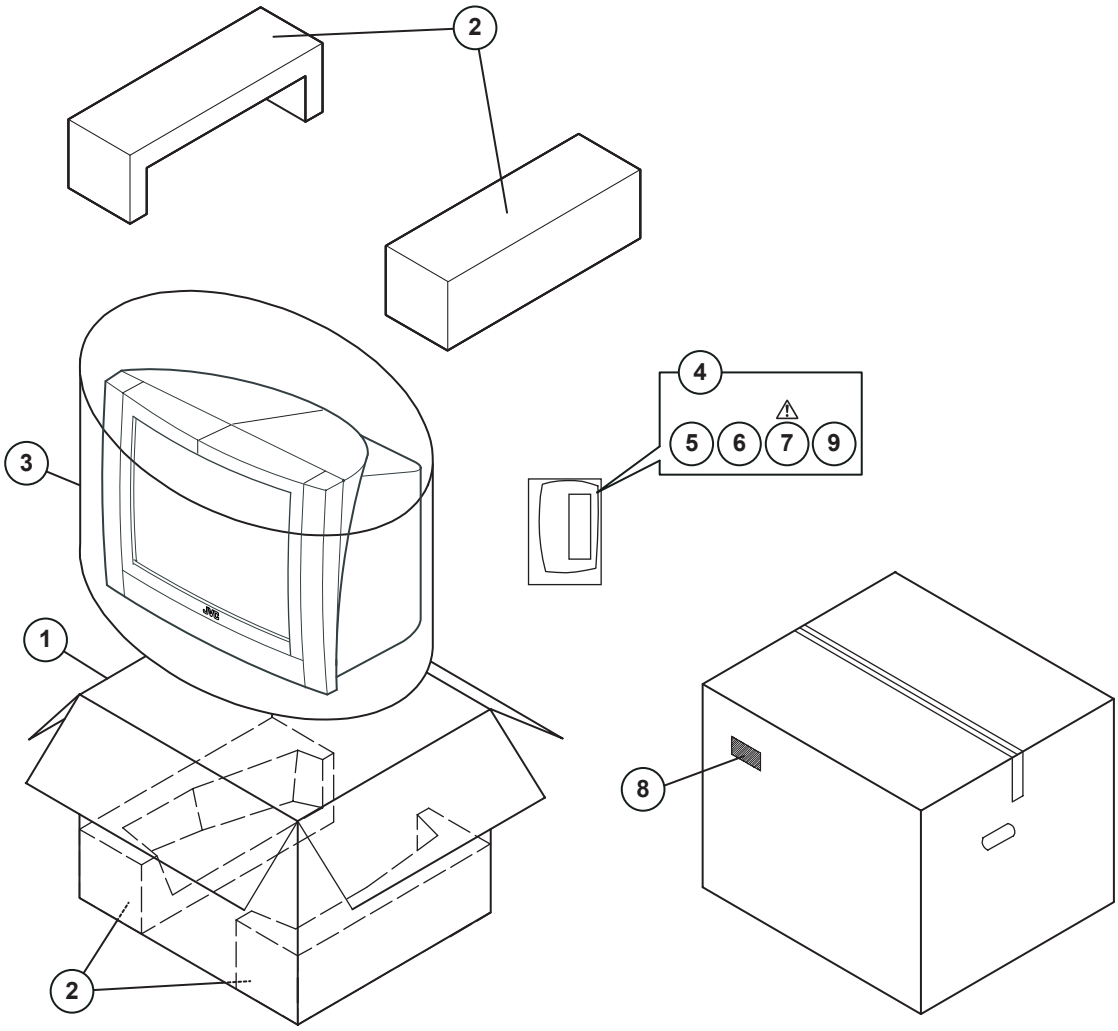
## FRONT AV JACK P.W. BOARD ASS'Y (VE-20124552)

REFER TO PARTS LIST IN PAGE 3-6 FOR THIS P.W. BOARD.

## HEADPHONE JACK P.W. BOARD ASS'Y (VE-20170438)

REFER TO PARTS LIST IN PAGE 3-6 FOR THIS P.W. BOARD.

# PACKING




# PACKING PARTS LIST

| ⚠ | Ref.No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|---|
| | 1 | VE-50050692 | CARTON BOX | | AV-14RM4SN |
| | 1 | VE-50050686 | CARTON BOX | | AV-14RM4SP |
| | 1 | VE-50050707 | CARTON BOX | | AV-14RM4SE |
| | 2 | VE-20155373 | SNOW BOX ASSY | 4pcs in 1set | |
| | 3 | VE-50018337 | POLY BAG | 50*90 (15+15) | |
| | 4 | VE-70000587 | POLY BAG | | |
| | 5 | VE-30017763 | REMOTE CONTROL UNIT | RM-C1100 | |
| | 6 | ---------- | WARRANTY CARD | BT-54013-2TK | |
| ⚠ | 7 | VE-50050690 | INST BOOK | Eng/Fre/Ger/Ita/Spa/Dut/Por/Swe/Nor/Dan/Fin | AV-14RM4SN |
| ⚠ | 7 | VE-50050685 | INST BOOK | Eng/Fre/Ger/Ita/Spa/Dut/Por | AV-14RM4SP |
| ⚠ | 7 | VE-50050706 | INST BOOK | Eng/Pol/Cze/Hum/Bul/Rom | AV-14RM4SE |
| | 8 | VE-20159451 | LABEL | | AV-14RM4SN |
| | 8 | VE-20159447 | LABEL | | AV-14RM4SP |
| | 8 | VE-20159465 | LABEL | | AV-14RM4SE |
| | 9 | ---------- | BATTERY | AA/R06 (x2) | |
| | -- | VE-30000001 | ANTENNA ROD (W/ADAPTOR) | | |
| | -- | VE-50055576 | CARTON SEPERATOR | 415X500 | |

# AV-14RM4SE
# AV-14RM4SN
# AV-14RM4SP

# STANDARD CIRCUIT DIAGRAM

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## CIRCUIT DIAGRAMS

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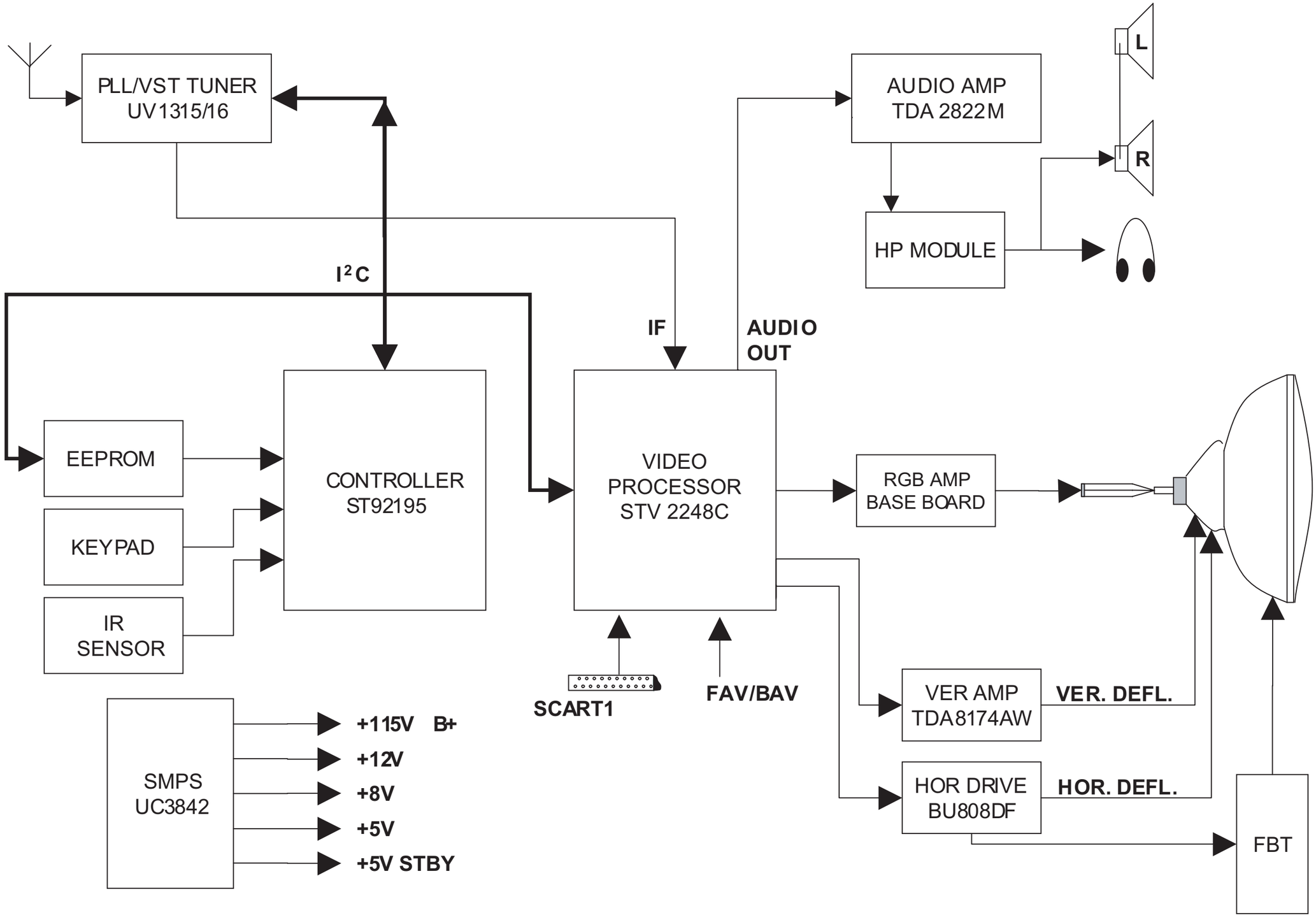
## USING P.W. BOARD

| P.W.B ASS'Y name | AV-14RM4SE | AV-14RM4SP | AV-14RM4SN |
|---|---|---|---|
| MAIN PWB | VE-20159378 | VE-20159384 | VE-20159381 |
| HEADPHONE JACK PWB | VE-20170438 | ← | ← |
| FRONT AV JACK PWB | VE-20124552 | ← | ← |

**BLOCK DIAGRAM**

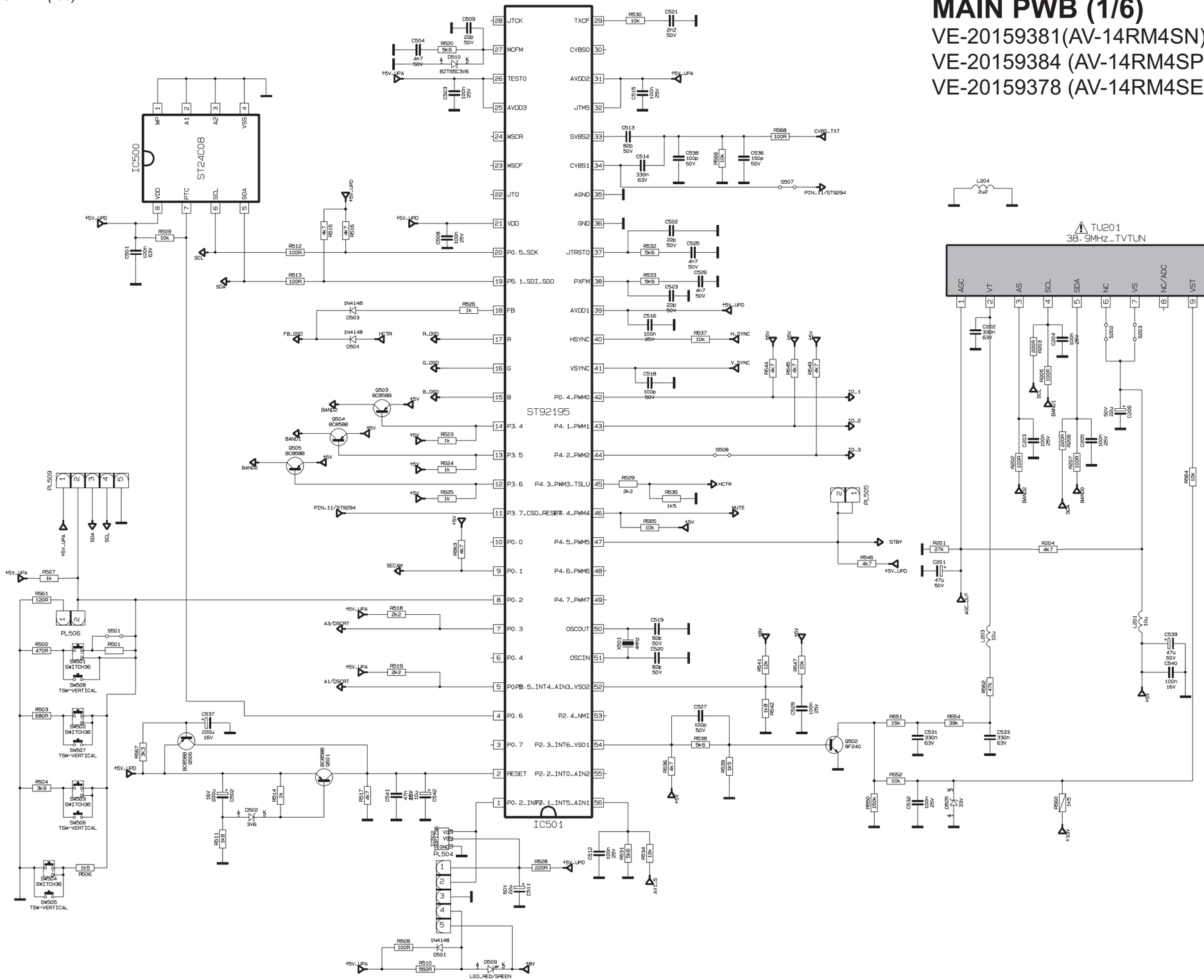


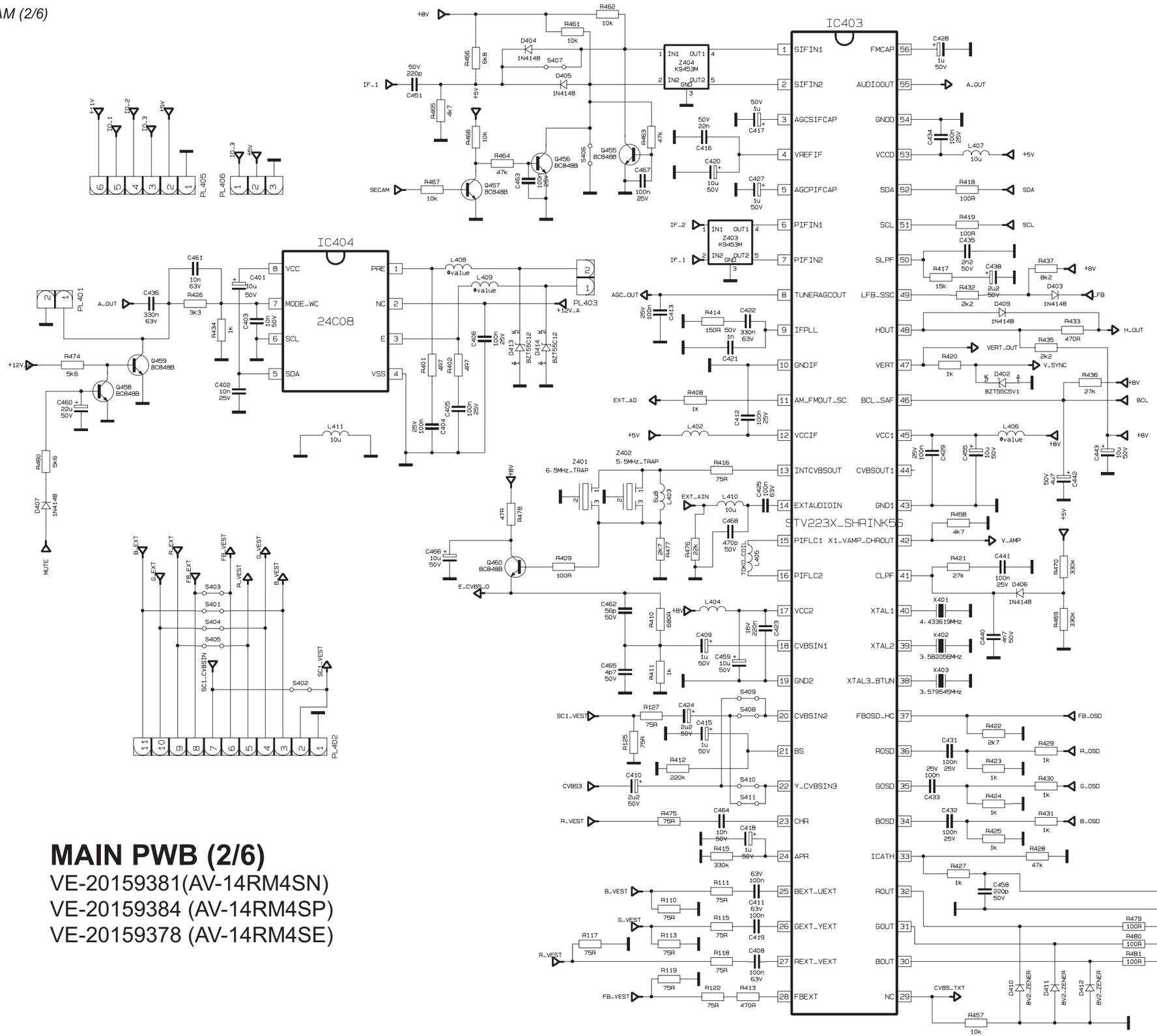
## CIRCUIT DIAGRAMS

*MAIN PWB CIRCUIT DIAGRAM (1/6)*

# MAIN PWB (1/6)

VE-20159381(AV-14RM4SN)
VE-20159384 (AV-14RM4SP)
VE-20159378 (AV-14RM4SE)



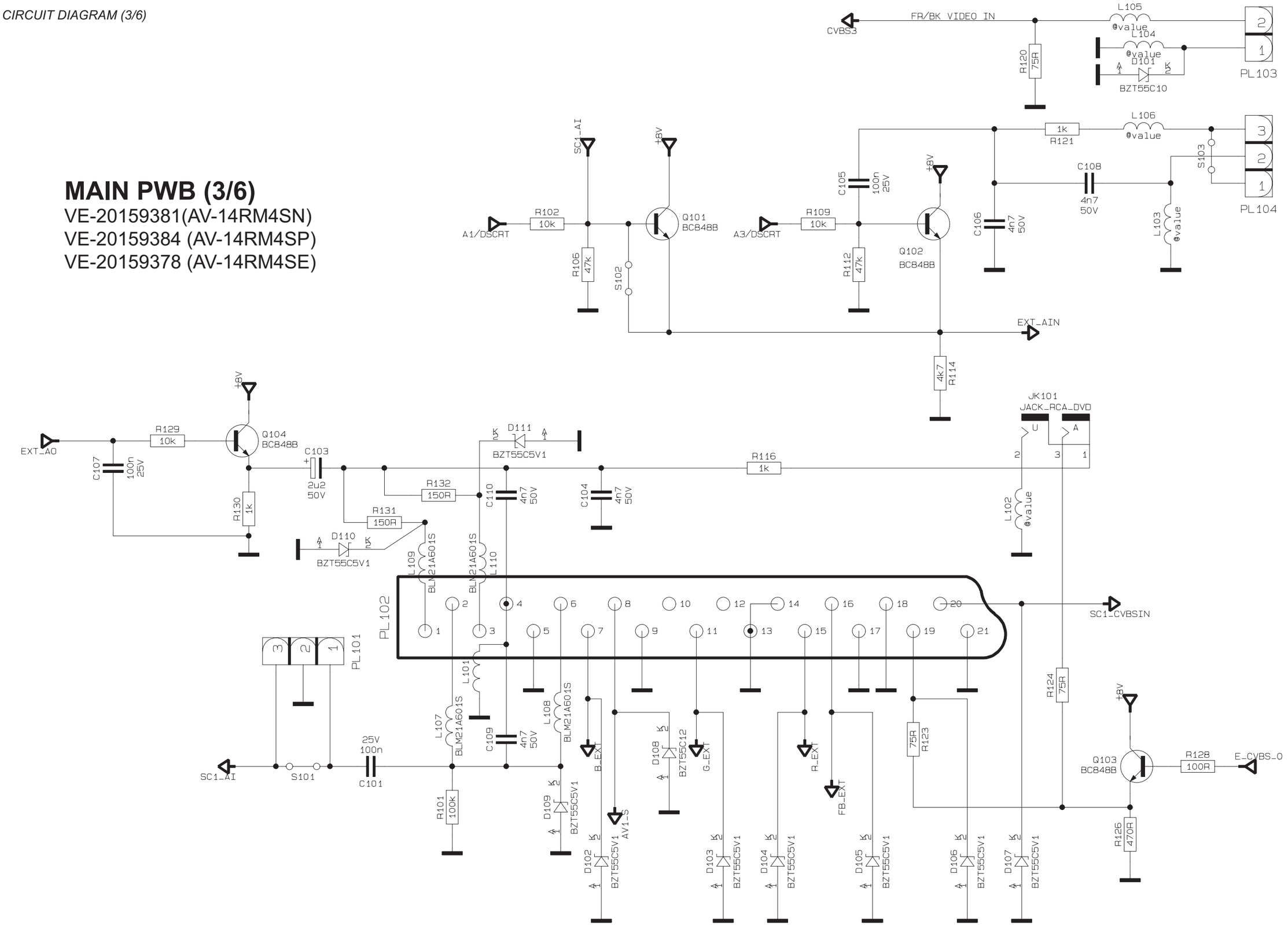


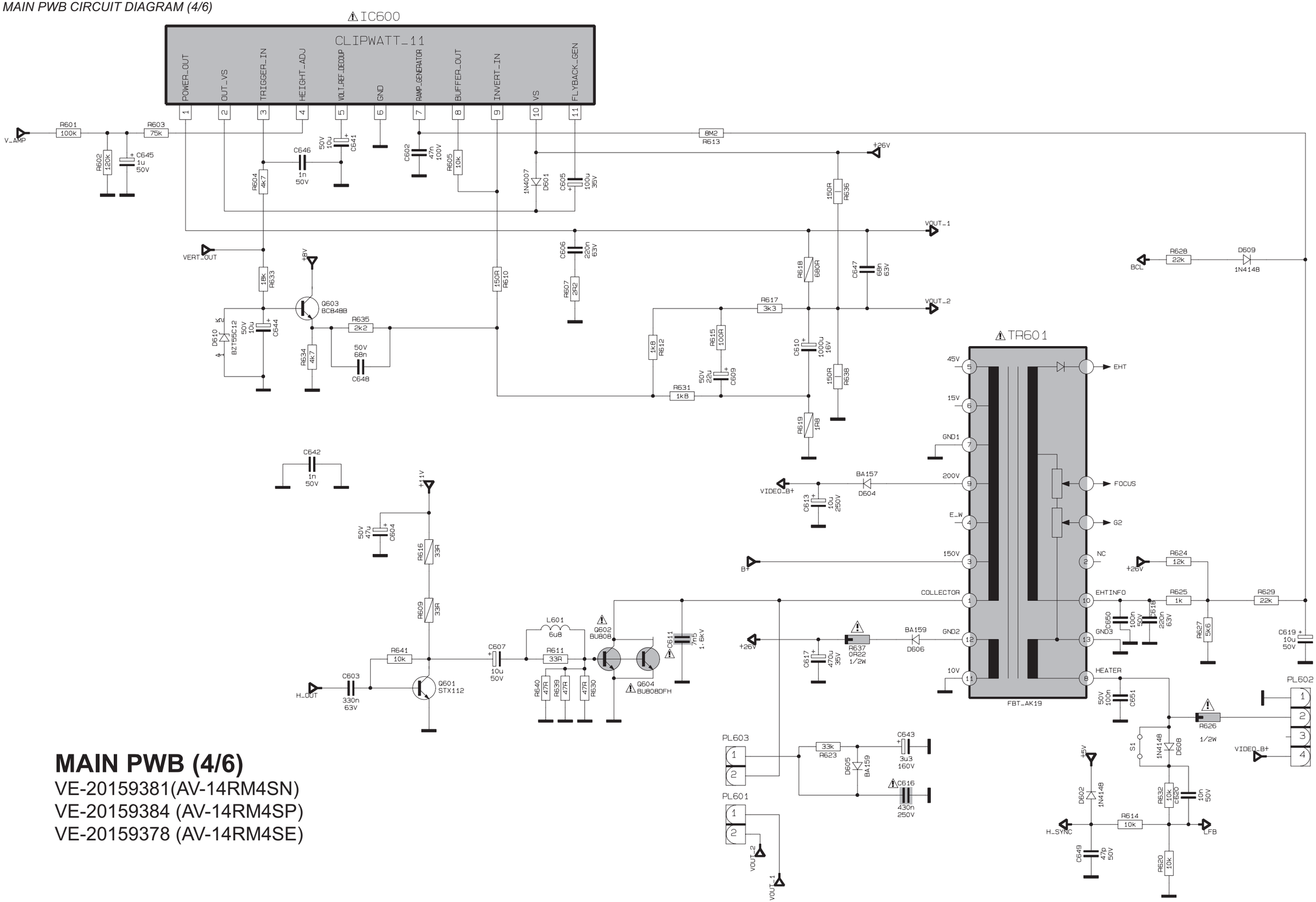

# MAIN PWB (2/6)

VE-20159381(AV-14RM4SN)
VE-20159384 (AV-14RM4SP)
VE-20159378 (AV-14RM4SE)

# MAIN PWB (3/6)

VE-20159381(AV-14RM4SN)
VE-20159384 (AV-14RM4SP)
VE-20159378 (AV-14RM4SE)



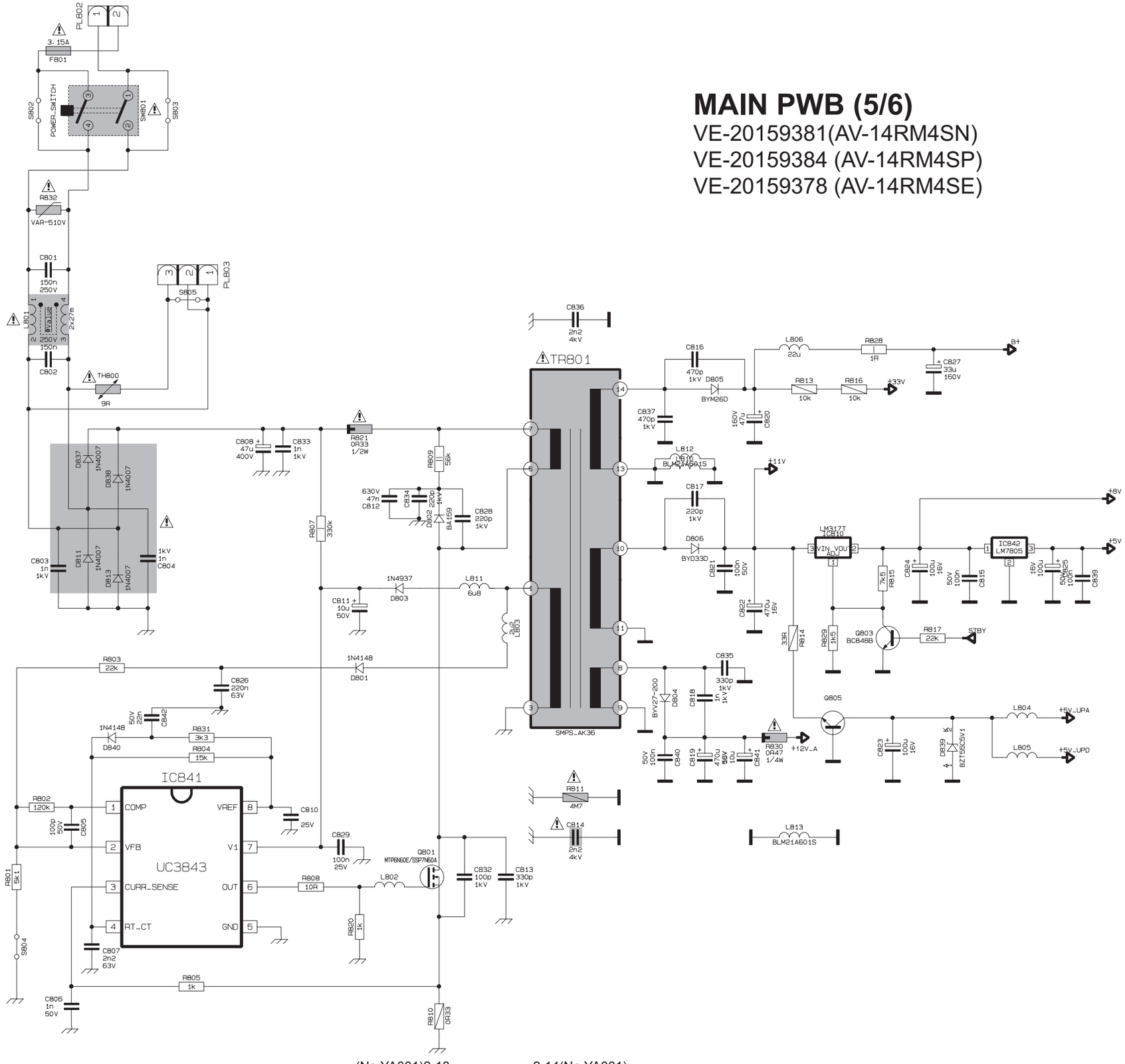



# MAIN PWB (4/6)

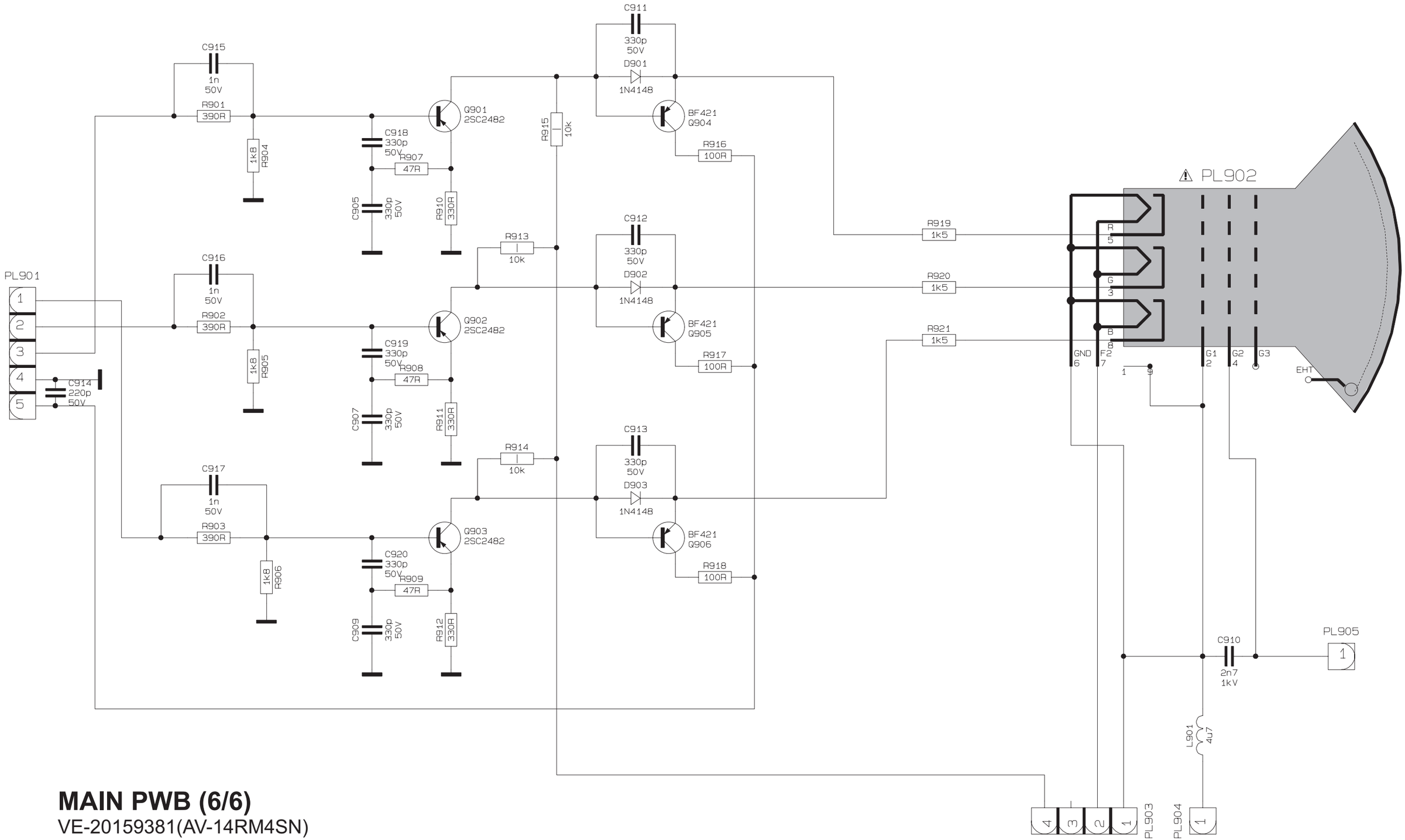
VE-20159381(AV-14RM4SN)
VE-20159384 (AV-14RM4SP)
VE-20159378 (AV-14RM4SE)

# MAIN PWB (5/6)

VE-20159381(AV-14RM4SN)
VE-20159384 (AV-14RM4SP)
VE-20159378 (AV-14RM4SE)



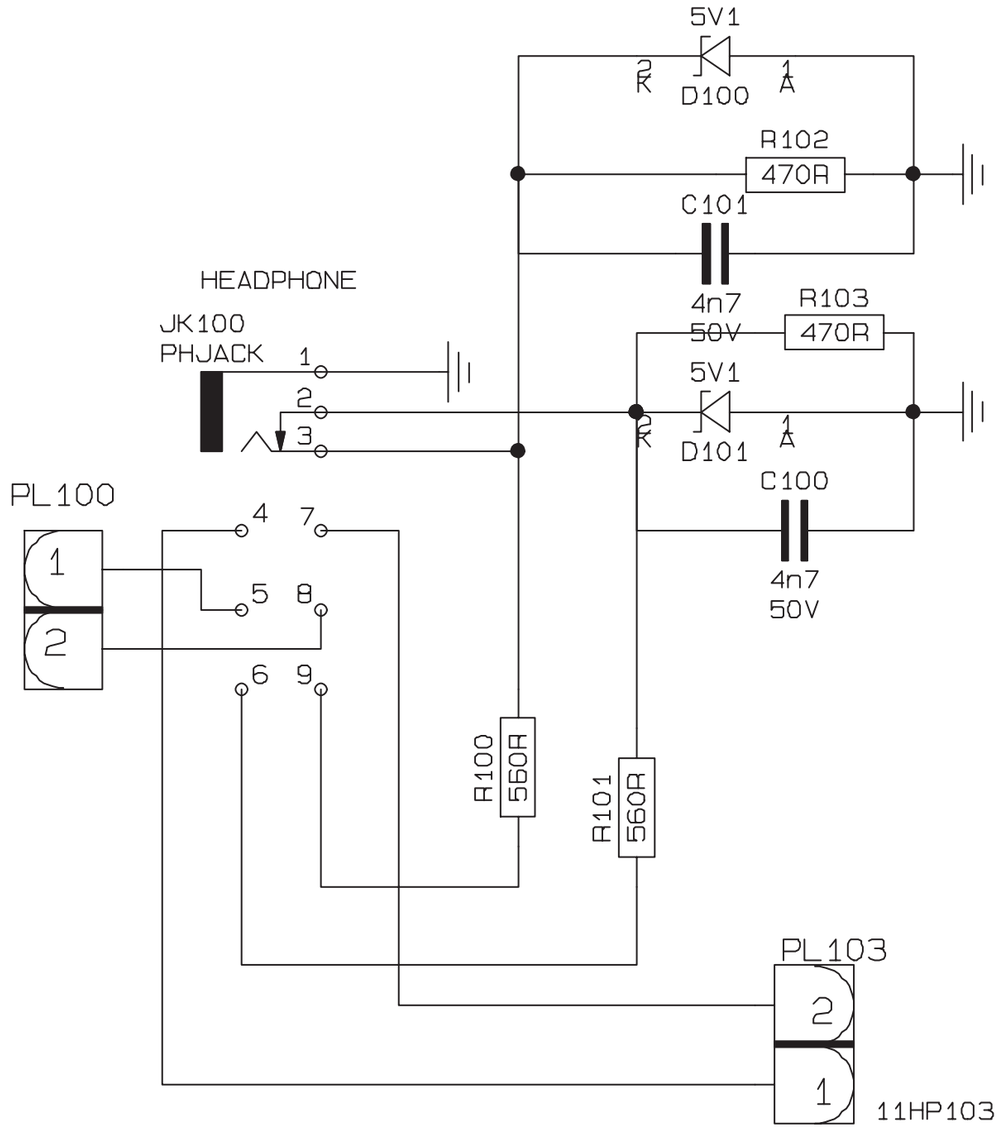
*MAIN PWB CIRCUIT DIAGRAM (6/6)*




# MAIN PWB (6/6)

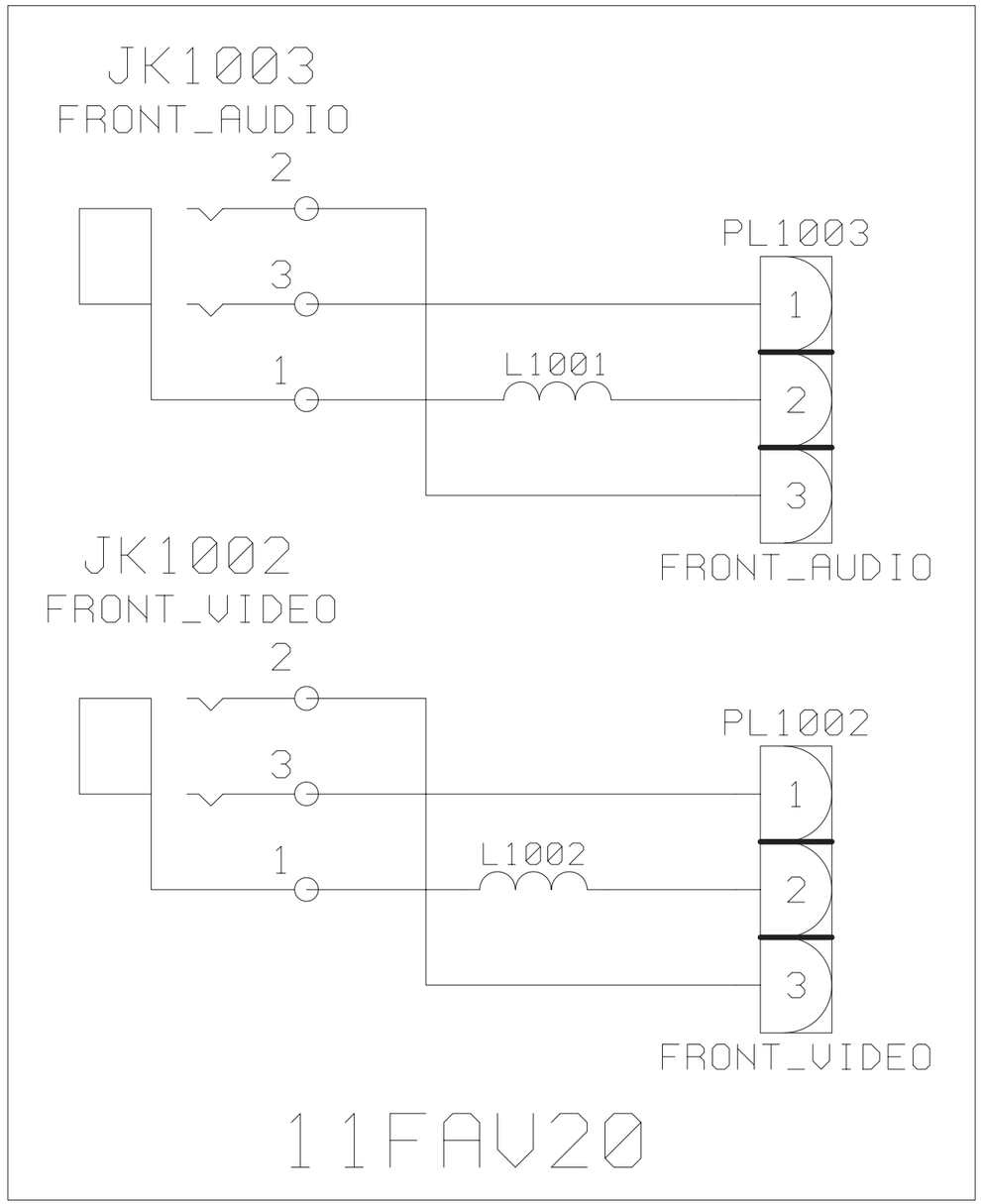
VE-20159381(AV-14RM4SN)
VE-20159384 (AV-14RM4SP)
VE-20159378 (AV-14RM4SE)

*HEADPHONE JACK PWB CIRCUIT DIAGRAM*




## HEADPHONE JACK PWB
VE-20170438

*FRONT AV JACK CIRCUIT DIAGRAM*

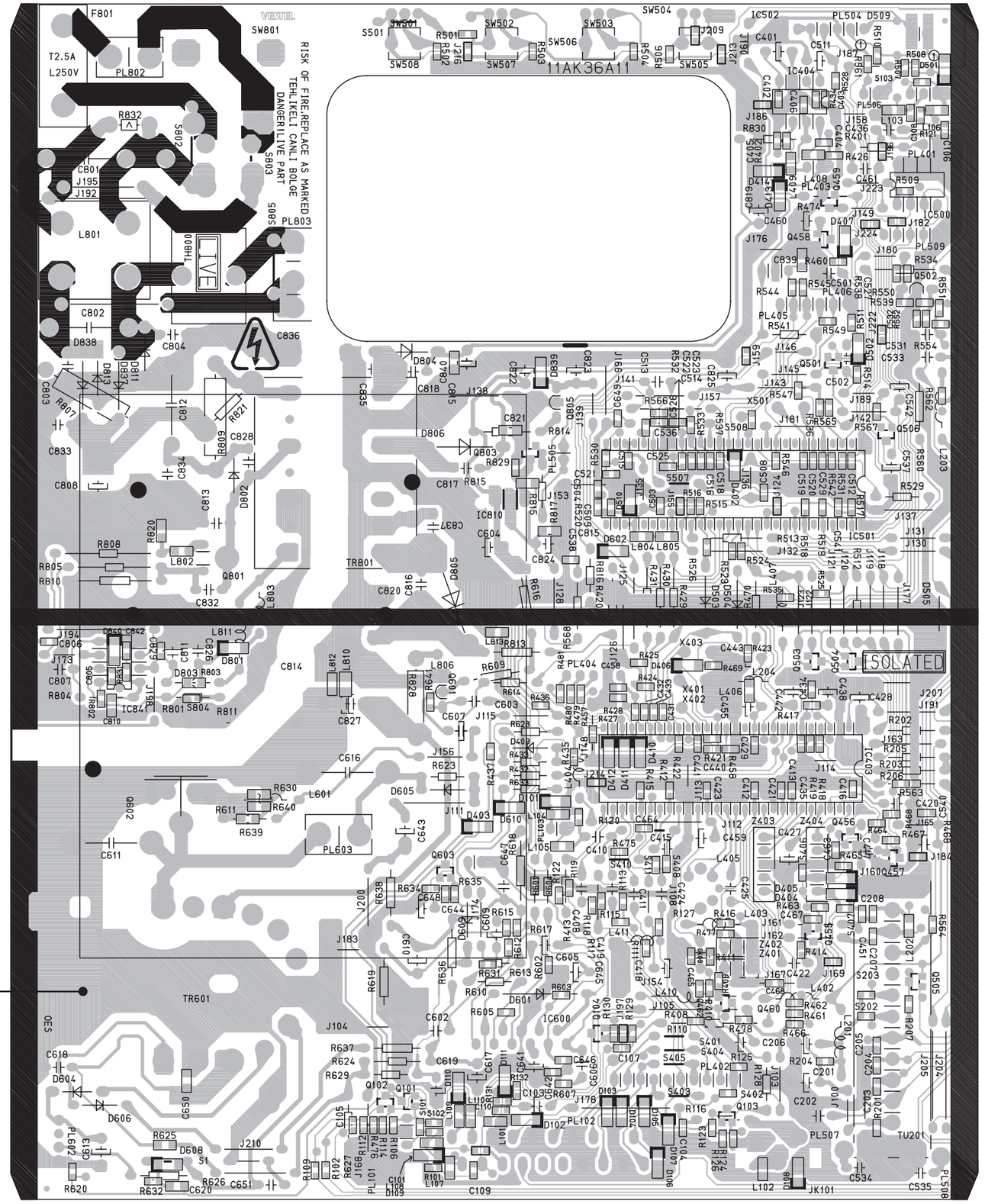



## FRONT AV JACK PWB
VE-20124552

# PATTERN DIAGRAMS

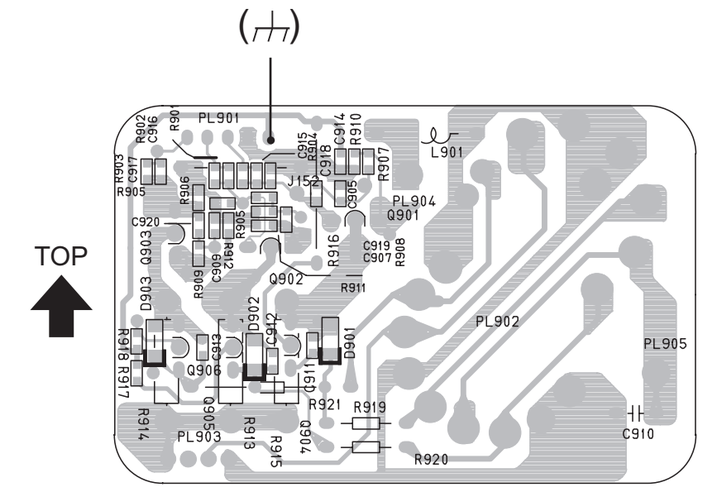
*MAIN PWB PATTERN*

FRONT

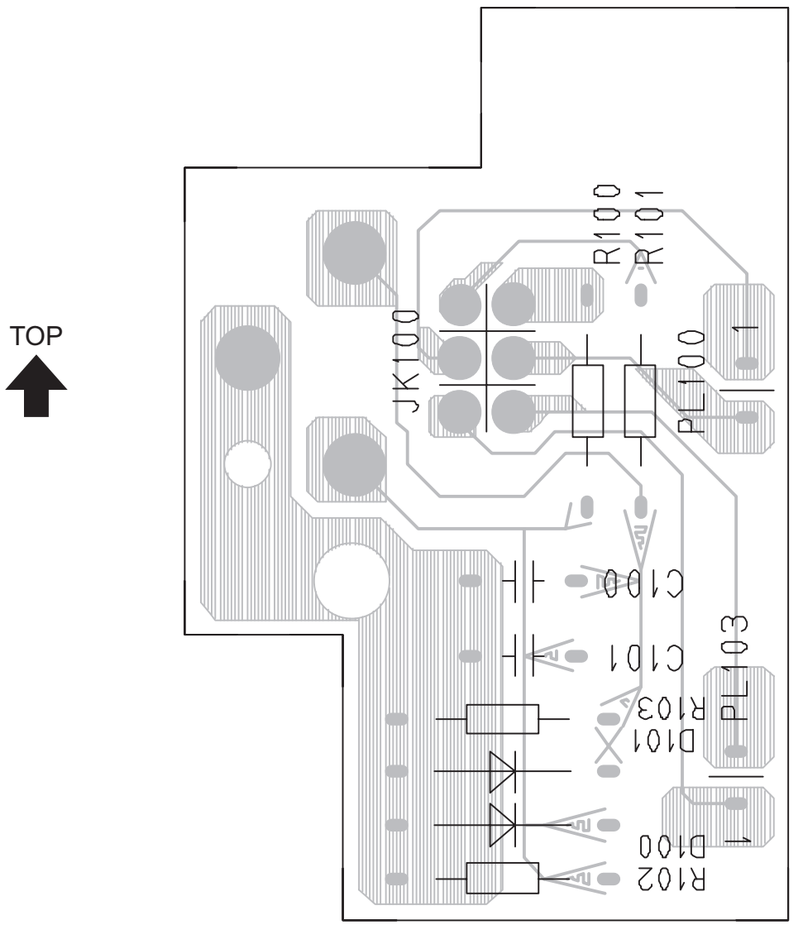



*CRT SOCKET PWB PATTERN*
*(Within MAIN PWB)*

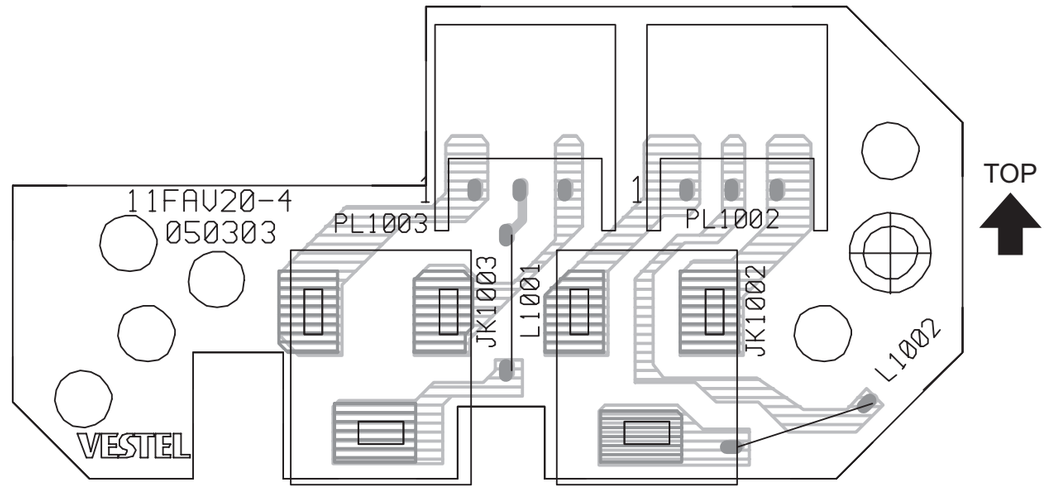
TOP



*HEADPHONE JACK PWB PATTERN*




*FRONT AV JACK PWB PATTERN*



# PARTS LIST

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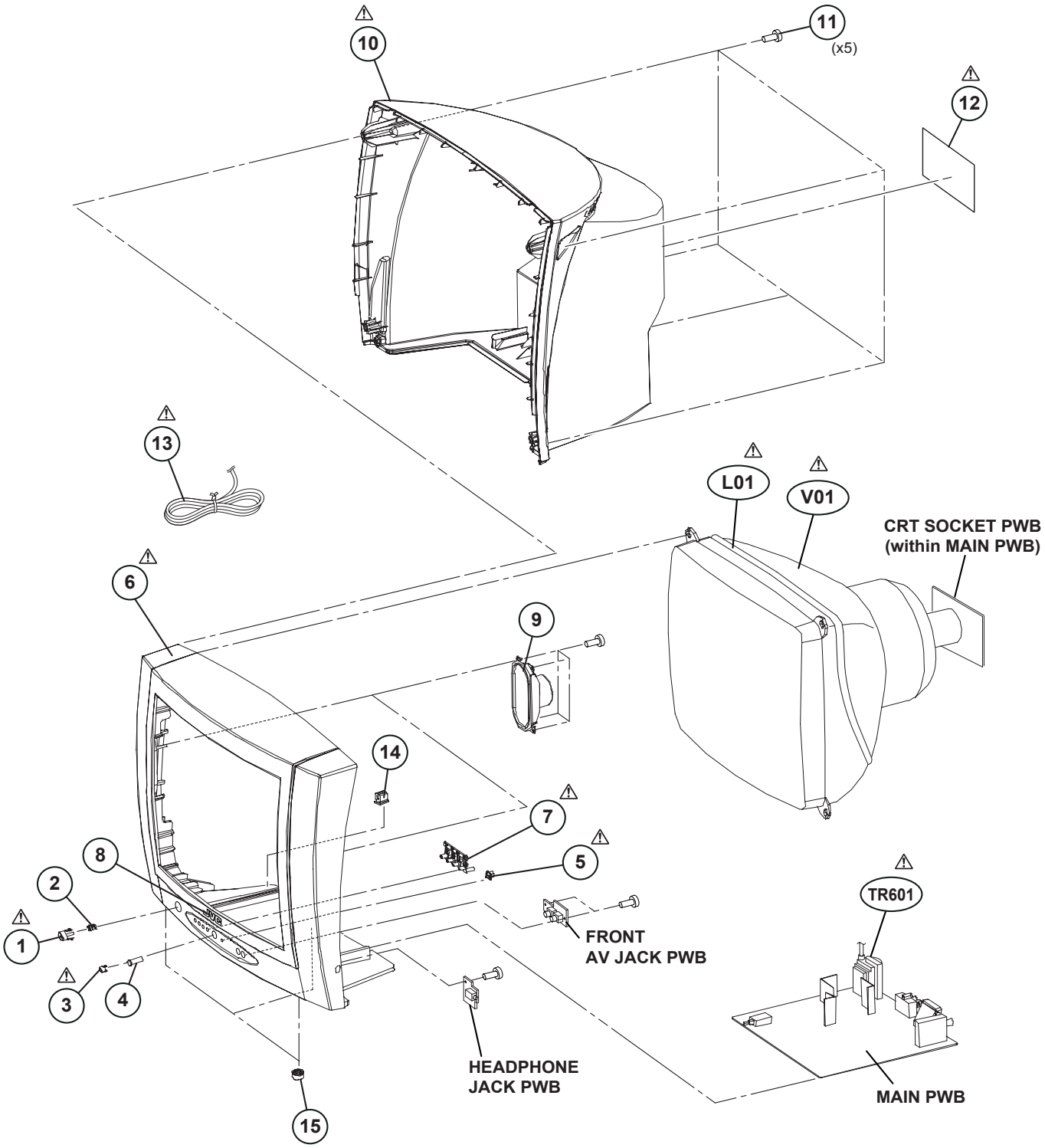
## USING P.W. BOARD & REMOTE CONTROL UNIT

| P.W.B ASS'Y name | AV-14RM4SE | AV-14RM4SN | AV-14RM4SP |
|---|---|---|---|
| MAIN P.W.B. (with CRT SOCKET P.W.B.) | VE-20159378 | VE-20159381 | VE-20159384 |
| FRONT AV JACK P.W.B. | VE-20124552 | ← | ← |
| HEADPHONE JACK P.W.B. | VE-20170438 | ← | ← |
| REMOTE CONTROL UNIT | VE-30017763 (RM-C1100) | ← | ← |

# EXPLODED VIEW PARTS LIST

| ⚠ | Ref.No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|---|
| ⚠ | V01 | VE-30002747 | PICTURE TUBE (ITC) | Inc. DY, PC MAGNET | |
| ⚠ | L01 | VE-30002113 | DEG COIL&EARTH CB | | |
| ⚠ | TR601 | VE-30017788 | TRF FBT | within MAIN PWB | |
| ⚠ | 1 | VE-20177854 | BUTTTON ON/OFF | | |
| | 2 | VE-35000013 | SPRING ON/OFF SWITCH | | |
| ⚠ | 3 | VE-20143961 | LENS | | |
| | 4 | VE-20004333 | LENS PRE-AMP | | |
| ⚠ | 5 | VE-20056446 | LENS LED | | |
| ⚠ | 6 | VE-20159322 | FRONT CABINET | | |
| ⚠ | 7 | VE-20176671 | BUTTON FUNCTION | | |
| | 8 | VE-40021473 | LOGO JVC | | |
| | 9 | VE-30001951 | SPEAKER | (x2) 8Ω 8W (50*90) | |
| ⚠ | 10 | VE-20143801 | BACK COVER | | |
| | 11 | VE-35010702 | SCREW (4x20) | (x5) | |
| ⚠ | 12 | VE-20159451 | LABEL | | AV-14RM4SN |
| ⚠ | 12 | VE-20159447 | LABEL | | AV-14RM4SP |
| ⚠ | 12 | VE-20159465 | LABEL | | AV-14RM4SE |
| ⚠ | 13 | VE-30029498 | POWER CORD | 2.2MT | |
| | 14 | VE-20004520 | CABLE HOLDER | | |
| | 15 | VE-20004646 | FOOT RUBBER | (x3) | |

# EXPLODED VIEW



# PRINTED WIRING BOARD PARTS LIST [AV-14RM4SE]

## MAIN P.W. BOARD ASS'Y (VE-20159378)

| ⚠Ref No. | Part No. | Part Name | Description Local |
|---|---|---|---|
| IC403 | VE-30026922 | IC | |
| IC404 | VE-30001612 | IC | |
| IC500 | VE-20109900 | IC (MEMORY) | |
| IC501 | VE-20093790 | IC (MICOM) | |
| IC502 | VE-30001670 | PREAMPLIFIER | |
| ⚠IC600 | VE-30015306 | IC | |
| IC810 | VE-20079043 | IC | |
| IC841 | VE-30001627 | IC | |
| IC842 | VE-30001622 | IC | |
| Q101 | VE-30001457 | TRANSISTOR | |
| Q102 | VE-30001457 | TRANSISTOR | |
| Q103 | VE-30001457 | TRANSISTOR | |
| Q104 | VE-30001457 | TRANSISTOR | |
| Q458 | VE-30001457 | TRANSISTOR | |
| Q459 | VE-30001457 | TRANSISTOR | |
| Q501 | VE-30001458 | TRANSISTOR | |
| Q601 | VE-30013656 | TRANSISTOR POWER | |
| ⚠Q602 | VE-20090846 | TRANSISTOR | |
| Q603 | VE-30001457 | TRANSISTOR | |
| Q801 | VE-30001385 | TRANSISTOR | |
| Q803 | VE-30001457 | TRANSISTOR | |
| Q805 | VE-30014346 | IC | |
| Q901 | VE-30001461 | TRANSISTOR | |
| Q902 | VE-30001461 | TRANSISTOR | |
| Q903 | VE-30001461 | TRANSISTOR | |
| Q904 | VE-30001426 | TRANSISTOR | |
| Q905 | VE-30001426 | TRANSISTOR | |
| Q906 | VE-30001426 | TRANSISTOR | |
| D101 | VE-30007763 | DIODE ZENER | |
| D108 | VE-30009699 | DIODE ZENER | |
| D109 | VE-30007763 | DIODE ZENER | |
| D110 | VE-30007763 | DIODE ZENER | |
| D111 | VE-30003720 | DIODE ZENER | |
| D402 | VE-30007763 | DIODE ZENER | |
| D406 | VE-30001285 | DIODE | |
| D407 | VE-30001285 | DIODE | |
| D410 | VE-30018576 | DIODE ZENER | |
| D411 | VE-30018576 | DIODE ZENER | |
| D412 | VE-30018576 | DIODE ZENER | |
| D413 | VE-30009699 | DIODE ZENER | |
| D414 | VE-30009699 | DIODE ZENER | |
| D501 | VE-30001285 | DIODE | |
| D502 | VE-30007761 | DIODE ZENER | |
| D503 | VE-30001284 | DIODE | |
| D504 | VE-30001284 | DIODE | |
| D505 | VE-30001377 | DIODE ZENER | |
| D509 | VE-30001279 | LED RED/GREEN | |
| D601 | VE-30001329 | DIODE | |
| D602 | VE-30001285 | DIODE | |
| D604 | VE-30001318 | DIODE | |
| D605 | VE-30001318 | DIODE | |
| D606 | VE-30001318 | DIODE | |
| D609 | VE-30001284 | DIODE | |
| D610 | VE-30009699 | DIODE ZENER | |
| D801 | VE-30001285 | DIODE | |
| D802 | VE-30001318 | DIODE | |
| D803 | VE-30001331 | DIODE | |
| D804 | VE-30001288 | DOIDE | |
| D805 | VE-30001301 | DIODE | |
| D806 | VE-30001288 | DOIDE | |
| ⚠D811 | VE-30001318 | DIODE | |
| D839 | VE-30007763 | DIODE ZENER | |
| D901 | VE-30001285 | DIODE | |
| D902 | VE-30001285 | DIODE | |
| D903 | VE-30001285 | DIODE | |
| C103 | VE-30000371 | CAP EL | 22UF 50V M |
| C104 | VE-30012589 | CAP SMD | 4.7NF 50V K |
| C105 | VE-30016654 | CAP SMD | 100NF 16V K R |
| C106 | VE-30012589 | CAP SMD | 4.7NF 50V K |
| C108 | VE-30012589 | CAP SMD | 4.7NF 50V K |
| C201 | VE-30000400 | CAP EL | 47UF 50V M |
| C206 | VE-30000371 | CAP EL | 22UF 50V M |
| C207 | VE-30012610 | CAP SMD | 10NF 50V J |
| C208 | VE-30012610 | CAP SMD | 10NF 50V J |
| C401 | VE-30000345 | CAP EL | 10UF 50V M |
| C402 | VE-30000289 | CAP SMD | 10NF 50V K R |
| C403 | VE-30012610 | CAP SMD | 10NF 50V J |
| C404 | VE-30016654 | CAP SMD | 100NF 16V K R |
| C405 | VE-30016654 | CAP SMD | 100NF 16V K R |

| ⚠Ref No. | Part No. | Part Name | Description Local |
|---|---|---|---|
| C408 | VE-30000074 | CAP MKT | 100NF 63V J |
| C409 | VE-30000384 | CAP EL | 2.2UF 50V M |
| C410 | VE-30000109 | CAP MKT | 470NF 63V J |
| C411 | VE-30000074 | CAP MKT | 100NF 63V J |
| C413 | VE-30016654 | CAP SMD | 100NF 16V K R |
| C415 | VE-30000362 | CAP EL | 1UF 50V M. |
| C416 | VE-30012586 | CAP SMD | 22NF 50V K |
| C417 | VE-30000362 | CAP EL | 1UF 50V M. |
| C418 | VE-30000362 | CAP EL | 1UF 50V M. |
| C419 | VE-30000074 | CAP MKT | 100NF 63V J |
| C420 | VE-30000345 | CAP EL | 10UF 50V M |
| C421 | VE-30012581 | CAP SMD | 1NF 50V K R |
| C422 | VE-30000100 | CAP MKT | 330NF 63V J |
| C423 | VE-30012586 | CAP SMD | 22NF 50V K |
| C424 | VE-30000109 | CAP MKT | 470NF 63V J |
| C425 | VE-30000074 | CAP MKT | 100NF 63V J |
| C427 | VE-30000362 | CAP EL | 1UF 50V M. |
| C428 | VE-30000362 | CAP EL | 1UF 50V M. |
| C429 | VE-30012586 | CAP SMD | 22NF 50V K |
| C431 | VE-30016654 | CAP SMD | 100NF 16V K R |
| C432 | VE-30016654 | CAP SMD | 100NF 16V K R |
| C434 | VE-30012586 | CAP SMD | 22NF 50V K |
| C435 | VE-30012585 | CAP SMD | 2.2NF 50V K R |
| C436 | VE-30007082 | CAP MKT | 680NF 63V J |
| C438 | VE-30000384 | CAP EL | 2.2UF 50V M |
| C440 | VE-30012589 | CAP SMD | 4.7NF 50V K |
| C442 | VE-30000362 | CAP EL | 1UF 50V M |
| C443 | VE-30000345 | CAP EL | 10UF 50V M |
| C458 | VE-30012567 | CAP SMD | 220PF 50V J |
| C459 | VE-30000345 | CAP EL | 10UF 50V M |
| C460 | VE-30000371 | CAP EL | 22UF 50V M |
| C464 | VE-30012610 | CAP SMD | 10NF 50V J |
| C465 | VE-30012575 | CAP SMD | 4.7PF 50V C CH |
| C468 | VE-30012574 | CAP SMD | 470PF 50V J |
| C501 | VE-30000074 | CAP MKT | 100NF 63V J |
| C502 | VE-30000396 | CAP EL | 47UF 16V M |
| C503 | VE-30012603 | CAP SMD | 100NF 25V K R |
| C504 | VE-30012589 | CAP SMD | 4.7NF 50V K |
| C508 | VE-30012586 | CAP SMD | 22NF 50V K |
| C509 | VE-30012566 | CAP SMD | 22PF 50V J |
| C511 | VE-30000371 | CAP EL | 22UF 50V M |
| C513 | VE-30012579 | CAP SMD | 82PF 50V J |
| C514 | VE-30000100 | CAP MKT | 330NF 63V J |
| C515 | VE-30012586 | CAP SMD | 22NF 50V K |
| C518 | VE-30012560 | CAP SMD | 100PF 50V J |
| C519 | VE-30012562 | CAP SMD | 15PF 50V J |
| C520 | VE-30012562 | CAP SMD | 15PF 50V J |
| C521 | VE-30012585 | CAP SMD | 2.2NF 50V K R |
| C523 | VE-30012566 | CAP SMD | 22PF 50V J |
| C526 | VE-30012589 | CAP SMD | 4.7NF 50V K |
| C534 | VE-30000431 | CAP CER | 100PF 1KV M |
| C535 | VE-30006753 | CAP CER | 220PF 1KV K B |
| C536 | VE-30012607 | CAP SMD | 150PF 50V J |
| C538 | VE-30012560 | CAP SMD | 100PF 50V J |
| C539 | VE-30000400 | CAP EL | 47UF 50V M |
| C540 | VE-30000315 | CAP SMD | 220NF 25V Z |
| C541 | VE-30012590 | CAP SMD | 47NF 50V K |
| C542 | VE-30010571 | CAP EL | 10UF 16V M |
| C602 | VE-30000107 | CAP MKT | 47NF 250V J |
| C603 | VE-30000100 | CAP MKT | 330NF 63V J |
| C604 | VE-30018416 | CAP EL | 470UF 16V M 105° |
| C605 | VE-30000354 | CAP EL | 100UF 35V M |
| C606 | VE-30000092 | CAP MKT | 220NF 63V J |
| C607 | VE-30016085 | CAP EL | 10UF 63V 105° |
| C609 | VE-30000371 | CAP EL | 22UF 50V M |
| C610 | VE-30000360 | CAP EL | 1000UF 25V M |
| C613 | VE-30000350 | CAP EL | 10UF 250V M |
| C617 | VE-30007750 | CAP EL | 470UF 35V |
| C618 | VE-30000092 | CAP MKT | 220NF 63V J |
| C619 | VE-30000384 | CAP EL | 2.2UF 50V M |
| C643 | VE-30000394 | CAP EL | 3.3UF 160V M |
| C644 | VE-30000345 | CAP EL | 10UF 50V M |
| C646 | VE-30012581 | CAP SMD | 1NF 50V K R |
| C647 | VE-30000116 | CAP MKT | 68NF 63V J |
| C648 | VE-30012609 | CAP SMD | 68NF 50V K |
| C649 | VE-30012573 | CAP SMD | 47PF 50V J |
| C650 | VE-30000294 | CAP SMD | 100NF 50V K |
| ⚠C801 | VE-30000094 | CAP MKT | 220NF 275V M AC |
| ⚠C802 | VE-30000084 | CAP MKT | 150NF 275V M AC P=15 |
| C805 | VE-30012585 | CAP SMD | 2.2NF 50V K R |
| C806 | VE-30012574 | CAP SMD | 470PF 50V J |
| C807 | VE-30000090 | CAP MKT | 22NF 100V J |
| C808 | VE-30000418 | CAP EL | 100UF 400V M |
| C810 | VE-30000315 | CAP SMD | 220NF 25V Z |

| ⚠Ref No. | Part No. | Part Name | Description Local |
|---|---|---|---|
| C811 | VE-30000345 | CAP EL | 10UF 50V M |
| C812 | VE-30000161 | CAP MKP | 47NF 630Vdc / 622Vpp J |
| C814 | VE-30000447 | CAP CER | 4.7NF 4KV M E |
| C815 | VE-30000294 | CAP SMD | 100NF 50V K |
| C816 | VE-30013533 | CAP CER | 100PF 1KV K |
| C817 | VE-30000431 | CAP CER | 100PF 1KV M |
| C818 | VE-30000433 | CAP CER | 1NF 1KV M B |
| C819 | VE-30000407 | CAP EL | 470UF 16V M |
| C820 | VE-30000404 | CAP EL | 47UF 160V M (HR) 105° |
| C821 | VE-30000294 | CAP SMD | 100NF 50V K |
| C822 | VE-30018416 | CAP EL | 470UF 16V M 105° |
| C823 | VE-30000352 | CAP EL | 100UF 16V M |
| C824 | VE-30000352 | CAP EL | 100UF 16V M |
| C825 | VE-30000352 | CAP EL | 100UF 16V M |
| C826 | VE-30000092 | CAP MKT | 220NF 63V J |
| C827 | VE-30006672 | CAP EL | 47UF 160V M |
| C828 | VE-30013533 | CAP CER | 100PF 1KV K |
| C832 | VE-30009208 | CAP CER | 470PF 1KV K |
| C834 | VE-30007308 | CAP CER | 220PF 1KV K |
| C837 | VE-30009208 | CAP CER | 470PF 1KV K |
| C839 | VE-30000294 | CAP SMD | 100NF 50V K |
| C840 | VE-30000294 | CAP SMD | 100NF 50V K |
| C905 | VE-30012568 | CAP SMD | 270PF 50V J |
| C907 | VE-30012568 | CAP SMD | 270PF 50V J |
| C909 | VE-30012568 | CAP SMD | 270PF 50V J |
| C910 | VE-30000434 | CAP CER | 1NF 2KV K B |
| C911 | VE-30012579 | CAP SMD | 82PF 50V J |
| C912 | VE-30012579 | CAP SMD | 82PF 50V J |
| C913 | VE-30012579 | CAP SMD | 82PF 50V J |
| C915 | VE-30012567 | CAP SMD | 220PF 50V J |
| C916 | VE-30012567 | CAP SMD | 220PF 50V J |
| C917 | VE-30012567 | CAP SMD | 220PF 50V J |
| S102 | VE-30012560 | CAP SMD | 100PF 50V J |
| PL101 | VE-30000345 | CAP EL | 10UF 50V M |
| X403 | VE-30000074 | CAP MKT | 100NF 63V J |
| R101 | VE-30012509 | RES SMD | 1/16W 100K J |
| R102 | VE-30012641 | RES SMD | 1/16W 10K J |
| R106 | VE-30012696 | RES SMD | 1/16W 47K J |
| R109 | VE-30012641 | RES SMD | 1/16W 10K J |
| R110 | VE-30012713 | RES SMD | 1/16W 75R J |
| R111 | VE-30012713 | RES SMD | 1/16W 75R J |
| R112 | VE-30012696 | RES SMD | 1/16W 47K J |
| R113 | VE-30012713 | RES SMD | 1/16W 75R J |
| R114 | VE-30012692 | RES SMD | 1/16W 4.7K J |
| R115 | VE-30012713 | RES SMD | 1/16W 75R J |
| R117 | VE-30012986 | RES SMD | 1/16W 68R J |
| R118 | VE-30012713 | RES SMD | 1/16W 75R J |
| R121 | VE-30012657 | RES SMD | 1/16W 1K J |
| R123 | VE-30014128 | RES SMD | 1/16W 33R J |
| R125 | VE-30012713 | RES SMD | 1/16W 75R J |
| R126 | VE-30012695 | RES SMD | 1/16W 470R J |
| R127 | VE-30012713 | RES SMD | 1/16W 75R J |
| R128 | VE-30000459 | RES CF | 1/4W 100R J. |
| R130 | VE-30012641 | RES SMD | 1/16W 10K J |
| R131 | VE-30012649 | RES SMD | 1/16W 150R J |
| R132 | VE-30012649 | RES SMD | 1/16W 150R J |
| R201 | VE-30012674 | RES SMD | 1/16W 27K J |
| R203 | VE-30000583 | RES CF | 1/4W 220R J |
| R204 | VE-30012692 | RES SMD | 1/16W 4.7K J |
| R206 | VE-30000583 | RES CF | 1/4W 220R J |
| R401 | VE-30014076 | RES SMD | 1/16W 4.7R J |
| R402 | VE-30014076 | RES SMD | 1/16W 4.7R J |
| R408 | VE-30000466 | RES CF | 1/4W 1K J |
| R409 | VE-30012510 | RES SMD | 1/16W 100R J |
| R410 | VE-30012707 | RES SMD | 1/16W 680R J |
| R411 | VE-30012657 | RES SMD | 1/16W 1K J |
| R412 | VE-30012667 | RES SMD | 1/16W 220K J |
| R413 | VE-30000712 | RES CF | 1/4W 470R J |
| R414 | VE-30012649 | RES SMD | 1/16W 150R J |
| R415 | VE-30012683 | RES SMD | 1/16W 330K J |
| R416 | VE-30012713 | RES SMD | 1/16W 75R J |
| R417 | VE-30012650 | RES SMD | 1/16W 15K J |
| R418 | VE-30012510 | RES SMD | 1/16W 100R J |
| R419 | VE-30012510 | RES SMD | 1/16W 100R J |
| R420 | VE-30000466 | RES CF | 1/4W 1K J |
| R421 | VE-30012674 | RES SMD | 1/16W 27K J |
| R422 | VE-30012662 | RES SMD | 1/16W 2.7K J |
| R423 | VE-30012714 | RES SMD | 1/16W 820R J |
| R424 | VE-30012714 | RES SMD | 1/16W 820R J |
| R425 | VE-30012714 | RES SMD | 1/16W 820R J |
| R426 | VE-30000718 | RES CF | 1/4W 4.7K J |
| R427 | VE-30012657 | RES SMD | 1/16W 1K J |
| R428 | VE-30012696 | RES SMD | 1/16W 47K J |
| R429 | VE-30000466 | RES CF | 1/4W 1K J |
| R430 | VE-30000466 | RES CF | 1/4W 1K J |
| R431 | VE-30000466 | RES CF | 1/4W 1K J |
| R433 | VE-30000712 | RES CF | 1/4W 470R J |
| R434 | VE-30012657 | RES SMD | 1/16W 1K J |
| R435 | VE-30012659 | RES SMD | 1/16W 2.2K J |
| R436 | VE-30012674 | RES SMD | 1/16W 27K J |
| R437 | VE-30012642 | RES SMD | 1/16W 120K J |
| R457 | VE-30012641 | RES SMD | 1/16W 10K J |
| R460 | VE-30012698 | RES SMD | 1/16W 5.6K J |
| R469 | VE-30012683 | RES SMD | 1/16W 330K J |
| R470 | VE-30000670 | RES CF | 1/4W 330K J |
| R474 | VE-30000748 | RES CF | 1/4W 5.6K J |
| R477 | VE-30012662 | RES SMD | 1/16W 2.7K J |
| R478 | VE-30014022 | RES SMD | 1/16W 47R J |
| R479 | VE-30012510 | RES SMD | 1/16W 100R J |
| R502 | VE-30012695 | RES SMD | 1/16W 470R J |
| R503 | VE-30012707 | RES SMD | 1/16W 680R J |
| R504 | VE-30012679 | RES SMD | 1/16W 3.9K J |
| R506 | VE-30012506 | RES SMD | 1/16W 1.5K J |
| R507 | VE-30012657 | RES SMD | 1/16W 1K J |
| R508 | VE-30014022 | RES SMD | 1/16W 47R J |
| R509 | VE-30012641 | RES SMD | 1/16W 10K J |
| R510 | VE-30012673 | RES SMD | 1/16W 270R J |
| R511 | VE-30012508 | RES SMD | 1/16W 1.8K J |
| R512 | VE-30000459 | RES CF | 1/4W 100R J |
| R513 | VE-30000459 | RES CF | 1/4W 100R J |
| R514 | VE-30012657 | RES SMD | 1/16W 1K J |
| R515 | VE-30012692 | RES SMD | 1/16W 4.7K J |
| R516 | VE-30012692 | RES SMD | 1/16W 4.7K J |
| R517 | VE-30012692 | RES SMD | 1/16W 4.7K J |
| R518 | VE-30012659 | RES SMD | 1/16W 2.2K J |
| R519 | VE-30012659 | RES SMD | 1/16W 2.2K J |
| R520 | VE-30012698 | RES SMD | 1/16W 5.6K J |
| R526 | VE-30012657 | RES SMD | 1/16W 1K J |
| R528 | VE-30012668 | RES SMD | 1/16W 220R J |
| R529 | VE-30000590 | RES CF | 1/4W 2.2K J |
| R530 | VE-30012641 | RES SMD | 1/16W 10K J |
| R531 | VE-30012698 | RES SMD | 1/16W 5.6K J |
| R533 | VE-30012698 | RES SMD | 1/16W 5.6K J |
| R534 | VE-30000500 | RES CF | 1/4W 12K J |
| R535 | VE-30012506 | RES SMD | 1/16W 1.5K J |
| R537 | VE-30000471 | RES CF | 1/4W 10K J |
| R541 | VE-30000500 | RES CF | 1/4W 12K J |
| R542 | VE-30012508 | RES SMD | 1/16W 1.8K J |
| R546 | VE-30012692 | RES SMD | 1/16W 4.7K J |
| R547 | VE-30012641 | RES SMD | 1/16W 10K J |
| R560 | VE-30000525 | RES CF | 1/2W 1.5K J |
| R564 | VE-30012641 | RES SMD | 1/16W 10K J |
| R565 | VE-30012641 | RES SMD | 1/16W 10K J |
| R566 | VE-30012641 | RES SMD | 1/16W 10K J |
| R568 | VE-30000459 | RES CF | 1/4W 100R J |
| R601 | VE-30000723 | RES CF | 1/4W 47K J |
| R602 | VE-30012642 | RES SMD | 1/16W 120K J |
| R603 | VE-30012711 | RES SMD | 1/16W 75K J |
| R604 | VE-30000718 | RES CF | 1/4W 4.7K J |
| R605 | VE-30012641 | RES SMD | 1/16W 10K J |
| R607 | VE-30015578 | RES SMD | 1/16W 2.2R J |
| R610 | VE-30000519 | RES CF | 1/4W 150R J |
| R611 | VE-30000650 | RES CF | 1/4W 33R J |
| R612 | VE-30012508 | RES SMD | 1/16W 1.8K J |
| R613 | VE-30000828 | RES CF | 1/4W 8.2M J |
| R615 | VE-30012510 | RES SMD | 1/16W 100R J |
| R617 | VE-30012677 | RES SMD | 1/16W 3.3K J |
| R618 | VE-30000769 | RES CF | 1/2W 680R J |
| R619 | VE-30000910 | RES MF | 1/2W 1.8R G |
| R623 | VE-30000869 | RES MF | 1/4W 12K J |
| R624 | VE-30000594 | RES CF | 1/4W 22K J |
| R625 | VE-30000469 | RES SMD | 1/10W 1K J |
| R628 | VE-30014941 | RES CF | 1/4W 16K J |
| R629 | VE-30000594 | RES CF | 1/4W 22K J |
| R631 | VE-30012508 | RES SMD | 1/16W 1.8K J |
| R633 | VE-30000564 | RES CF | 1/4W 18K J |
| R635 | VE-30012659 | RES SMD | 1/16W 2.2K J |
| ⚠R637 | VE-30001225 | RES FUSE | 1/4W 0.22R J |
| R639 | VE-30002731 | RES SMD | 1/10W 68R J |
| R640 | VE-30002731 | RES SMD | 1/10W 68R J |
| R801 | VE-30000983 | RES MF | 1/4W 4.7K F |
| R802 | VE-30012642 | RES SMD | 1/16W 120K J |
| R803 | VE-30007207 | RES SMD | 1/10W 22K F |
| R804 | VE-30000466 | RES CF | 1/4W 1K J |
| R805 | VE-30000466 | RES CF | 1/4W 1K J |
| R807 | VE-30001157 | RES MO | 1W 330K J |
| R808 | VE-30000452 | RES CF | 1/4W 10R J |
| R809 | VE-30001183 | RES MO | 2W 56K J |
| R810 | VE-30017136 | RES MO | 1W 0.56R J |
| ⚠R811 | VE-30001257 | RES MG | 1/2W 4.7M J |
| R813 | VE-30000470 | RES CF | 1/2W 10K J |
| R814 | VE-30000649 | RES CF | 1/2W 33R J |
| R815 | VE-30000524 | RES SMD | 1/10W 150R J |

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| R816 | VE-30000470 | RES CF | 1/2W 10K J | |
| R817 | VE-30000594 | RES CF | 1/4W 22K J | |
| R820 | VE-30000469 | RES SMD | 1/10W 1K J | |
| ⚠R821 | VE-30001229 | RES FUSE | 1W 2.2R J | |
| R828 | VE-30001185 | RES MO | 2W 5.6R J | |
| R829 | VE-30012714 | RES SMD | 1/16W 820R J | |
| ⚠R830 | VE-30001245 | RES FUSE | 1/4W 0.47R J | |
| R831 | VE-30012677 | RES SMD | 1/16W 3.3K J | |
| ⚠R832 | VE-30018085 | CAP VAR | 510V K | |
| R901 | VE-30012688 | RES SMD | 1/16W 390R J | |
| R901 | VE-30012688 | RES SMD | 1/16W 390R J | |
| R902 | VE-30012688 | RES SMD | 1/16W 390R J | |
| R902 | VE-30012688 | RES SMD | 1/16W 390R J | |
| R903 | VE-30012688 | RES SMD | 1/16W 390R J | |
| R903 | VE-30012688 | RES SMD | 1/16W 390R J | |
| R904 | VE-30012508 | RES SMD | 1/16W 1.8K J | |
| R905 | VE-30012508 | RES SMD | 1/16W 1.8K J | |
| R906 | VE-30012508 | RES SMD | 1/16W 1.8K J | |
| R907 | VE-30014022 | RES SMD | 1/16W 47R J | |
| R908 | VE-30014022 | RES SMD | 1/16W 47R J | |
| R909 | VE-30014022 | RES SMD | 1/16W 47R J | |
| R910 | VE-30012695 | RES SMD | 1/16W 470R J | |
| R911 | VE-30012695 | RES SMD | 1/16W 470R J | |
| R912 | VE-30012695 | RES SMD | 1/16W 470R J | |
| R913 | VE-30001116 | RES MO | 2W 18K J | |
| R914 | VE-30001116 | RES MO | 2W 18K J | |
| R915 | VE-30001116 | RES MO | 2W 18K J | |
| R916 | VE-30000459 | RES CF | 1/4W 100R J | |
| R917 | VE-30012510 | RES SMD | 1/16W 100R J | |
| R918 | VE-30012510 | RES SMD | 1/16W 100R J | |
| R919 | VE-30000526 | RES CF | 1/4W 1.5K J | |
| R920 | VE-30000526 | RES CF | 1/4W 1.5K J | |
| R921 | VE-30000526 | RES CF | 1/4W 1.5K J | |
| J142 | VE-30000461 | RES CF | 1/6W 100R J | |
| L104 | VE-30001734 | JUMPER SMD | | |
| L201 | VE-30001992 | FIXED COIL | 10UH | |
| L204 | VE-30001984 | FIXED COIL | 2.2UH | |
| L402 | VE-30001992 | FIXED COIL | 10UH | |
| L403 | VE-30001990 | FIXED COIL | 6.8UH | |
| L404 | VE-30001987 | FIXED COIL | 4.7UH | |
| L407 | VE-30001992 | FIXED COIL | 10UH | |
| L410 | VE-30001992 | FIXED COIL | 10UH | |
| L601 | VE-30001990 | FIXED COIL | 6.8UH | |
| L803 | VE-30001984 | FIXED COIL | 2.2UH | |
| L806 | VE-30002011 | FIXED COIL | 150UH | |
| L811 | VE-30001990 | FIXED COIL | 6.8UH | |
| J128 | VE-30002002 | FIXED COIL | 47UH | |
| J168 | VE-30001992 | FIXED COIL | 10UH | |
| ⚠TR601 | VE-30017788 | TRF FBT | | |
| ⚠TR801 | VE-30015302 | TRF SMPS | | |
| ⚠F801 | VE-30001731 | FUSE | 2.5A | |
| L101 | VE-30001971 | FERRITE SMD | | |
| L103 | VE-30001971 | FERRITE SMD | | |
| L105 | VE-30001971 | FERRITE SMD | | |
| L106 | VE-30001971 | FERRITE SMD | | |
| L406 | VE-30001971 | FERRITE SMD | | |
| ⚠L801 | VE-30002100 | LINE FILTER | | |
| L802 | VE-30001971 | FERRITE SMD | | |
| L804 | VE-30001971 | FERRITE SMD | | |
| L805 | VE-30001971 | FERRITE SMD | | |
| PL102 | VE-30015053 | SOCKET SCART | | |
| SW501 | VE-30015988 | SWITCH TACT | | |
| SW502 | VE-30015988 | SWITCH TACT | | |
| SW503 | VE-30015988 | SWITCH TACT | | |
| SW504 | VE-30015988 | SWITCH TACT | | |
| ⚠SW801 | VE-30017848 | SWITCH ON/OFF | | |
| ⚠TH800 | VE-30001270 | PTC | 9 OHM | |
| TU201 | VE-30009637 | TUNER WSP (PLL) | | |
| VL405 | VE-30026042 | ADJ.COIL | | |
| X401 | VE-30001749 | XTAL | | |
| X402 | VE-30015592 | XTAL | | |
| X501 | VE-30002851 | XTAL | | |
| Z401 | VE-30001728 | TRIPLE TRAP | | |
| Z403 | VE-30012544 | FILTER SAW | | |

## FRONT AV JACK P.W. BOARD ASS'Y (VE-20124552)

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| JK1003 | VE-30001882 | RCA JACK | 1P WHITE | |
| JK1002 | VE-30001884 | RCA JACK | 1P YELLOW | |
| L1001 | VE-30006712 | FERRITE BEAD | | |
| L1002 | VE-30006712 | FERRITE BEAD | | |

## HEADPHONE JACK P.W. BOARD ASS'Y (VE-20170438)

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| D100 | VE-30001350 | DIODE ZENER | 12V | |
| D101 | VE-30001350 | DIODE ZENER | 12V | |
| C100 | VE-30000330 | CAP CER | 4.7NF 50V K B | |
| C101 | VE-30000330 | CAP CER | 4.7NF 50V K B | |
| R100 | VE-30000519 | RES CF | 1/4W 150R J | |
| R101 | VE-30000519 | RES CF | 1/4W 150R J | |
| R102 | VE-30000712 | RES CF | 1/4W 470R J | |
| R103 | VE-30000712 | RES CF | 1/4W 470R J | |
| JK100 | VE-30001900 | JACK HEADPHONE | HP01 | |

# PRINTED WIRING BOARD PARTS LIST [AV-14RM4SN]

## MAIN P.W. BOARD ASS'Y (VE-20159381)

| ⚠Ref No. | Part No. | Part Name | Description Local |
|---|---|---|---|
| IC403 | VE-30026920 | IC | |
| IC404 | VE-30001612 | IC | |
| IC500 | VE-20109896 | IC (MEMORY) | |
| IC501 | VE-20093790 | IC (MICOM) | |
| IC502 | VE-30001670 | PREAMPLIFIER | |
| ⚠IC600 | VE-30015306 | IC | |
| IC810 | VE-20079043 | IC | |
| IC841 | VE-30001627 | IC | |
| IC842 | VE-30001622 | IC | |
| Q101 | VE-30001457 | TRANSISTOR | |
| Q102 | VE-30001457 | TRANSISTOR | |
| Q103 | VE-30001457 | TRANSISTOR | |
| Q104 | VE-30001457 | TRANSISTOR | |
| Q458 | VE-30001457 | TRANSISTOR | |
| Q459 | VE-30001457 | TRANSISTOR | |
| Q501 | VE-30001458 | TRANSISTOR | |
| Q601 | VE-30013656 | TRANSISTOR POWER | |
| Q602 | VE-20090846 | TRANSISTOR | |
| Q603 | VE-30001457 | TRANSISTOR | |
| Q801 | VE-30001385 | TRANSISTOR | |
| Q803 | VE-30001457 | TRANSISTOR | |
| Q805 | VE-30014346 | IC | |
| Q901 | VE-30001461 | TRANSISTOR | |
| Q902 | VE-30001461 | TRANSISTOR | |
| Q903 | VE-30001461 | TRANSISTOR | |
| Q904 | VE-30001426 | TRANSISTOR | |
| Q905 | VE-30001426 | TRANSISTOR | |
| Q906 | VE-30001426 | TRANSISTOR | |
| D101 | VE-30007763 | DIODE ZENER SMD | |
| D108 | VE-30009699 | DIODE ZENER | |
| D109 | VE-30007763 | DIODE ZENER SMD | |
| D110 | VE-30007763 | DIODE ZENER SMD | |
| D111 | VE-30003720 | DIODE ZENER | |
| D402 | VE-30007763 | DIODE ZENER SMD | |
| D406 | VE-30001285 | DIODE | |
| D407 | VE-30001285 | DIODE | |
| D410 | VE-30018576 | DIODE ZENER | |
| D411 | VE-30018576 | DIODE ZENER | |
| D412 | VE-30018576 | DIODE ZENER | |
| D413 | VE-30009699 | DIODE ZENER | |
| D414 | VE-30009699 | DIODE ZENER | |
| D501 | VE-30001285 | DIODE | |
| D502 | VE-30007761 | DIODE ZENER SMD | |
| D503 | VE-30001284 | DIODE | |
| D504 | VE-30001284 | DIODE | |
| D505 | VE-30001377 | DIODE ZENER | |
| D509 | VE-30001279 | LED RED/GREEN | |
| D601 | VE-30001329 | DIODE | |
| D602 | VE-30001285 | DIODE | |
| D604 | VE-30001318 | DIODE | |
| D605 | VE-30001318 | DIODE | |
| D606 | VE-30001318 | DIODE | |
| D609 | VE-30001284 | DIODE | |
| D610 | VE-30009699 | DIODE ZENER | |
| D801 | VE-30001285 | DIODE | |
| D802 | VE-30001318 | DIODE | |
| D803 | VE-30001331 | DIODE | |
| D804 | VE-30001288 | DOIDE | |
| D805 | VE-30001301 | DIODE | |
| D806 | VE-30001288 | DOIDE | |
| ⚠D811 | VE-30001318 | DIODE | |
| D839 | VE-30007763 | DIODE ZENER SMD | |
| D901 | VE-30001285 | DIODE | |
| D902 | VE-30001285 | DIODE | |
| D903 | VE-30001285 | DIODE | |
| C103 | VE-30000371 | CAP EL | 22UF 50V M |
| C104 | VE-30012589 | CAP SMD | 4.7NF 50V K |
| C105 | VE-30016654 | CAP SMD | 100NF 16V K R |
| C106 | VE-30012589 | CAP SMD | 4.7NF 50V K |
| C108 | VE-30012589 | CAP SMD | 4.7NF 50V K |
| C201 | VE-30000400 | CAP EL | 47UF 50V M |
| C206 | VE-30000371 | CAP EL | 22UF 50V M |
| C207 | VE-30012610 | CAP SMD | 10NF 50V J |
| C208 | VE-30012610 | CAP SMD | 10NF 50V J |
| C401 | VE-30000345 | CAP EL | 10UF 50V M |
| C402 | VE-30000289 | CAP SMD | 10NF 50V K R |
| C403 | VE-30012610 | CAP SMD | 10NF 50V J |
| C404 | VE-30016654 | CAP SMD | 100NF 16V K R |

| ⚠Ref No. | Part No. | Part Name | Description Local |
|---|---|---|---|
| C405 | VE-30016654 | CAP SMD | 100NF 16V K R |
| C408 | VE-30000074 | CAP MKT | 100NF 63V J |
| C409 | VE-30000384 | CAP EL | 2.2UF 50V M |
| C410 | VE-30000109 | CAP MKT | 470NF 63V J |
| C411 | VE-30000074 | CAP MKT | 100NF 63V J |
| C413 | VE-30016654 | CAP SMD | 100NF 16V K R |
| C415 | VE-30000362 | CAP EL | 1UF 50V M. |
| C416 | VE-30012586 | CAP SMD | 22NF 50V K |
| C417 | VE-30000362 | CAP EL | 1UF 50V M. |
| C418 | VE-30000362 | CAP EL | 1UF 50V M. |
| C419 | VE-30000074 | CAP MKT | 100NF 63V J |
| C420 | VE-30000345 | CAP EL | 10UF 50V M |
| C421 | VE-30012581 | CAP SMD | 1NF 50V K R |
| C422 | VE-30000100 | CAP MKT | 330NF 63V J |
| C423 | VE-30012586 | CAP SMD | 22NF 50V K |
| C424 | VE-30000109 | CAP MKT | 470NF 63V J |
| C425 | VE-30000074 | CAP MKT | 100NF 63V J |
| C427 | VE-30000362 | CAP EL | 1UF 50V M. |
| C428 | VE-30000362 | CAP EL | 1UF 50V M. |
| C429 | VE-30012586 | CAP SMD | 22NF 50V K |
| C431 | VE-30016654 | CAP SMD | 100NF 16V K R |
| C432 | VE-30016654 | CAP SMD | 100NF 16V K R |
| C434 | VE-30012586 | CAP SMD | 22NF 50V K |
| C435 | VE-30012585 | CAP SMD | 2.2NF 50V K R |
| C436 | VE-30007082 | CAP MKT | 680NF 63V J |
| C438 | VE-30000384 | CAP EL | 2.2UF 50V M |
| C440 | VE-30012589 | CAP SMD | 4.7NF 50V K |
| C442 | VE-30000362 | CAP EL | 1UF 50V M |
| C443 | VE-30000345 | CAP EL | 10UF 50V M |
| C458 | VE-30012567 | CAP SMD | 220PF 50V J |
| C459 | VE-30000345 | CAP EL | 10UF 50V M |
| C460 | VE-30000371 | CAP EL | 22UF 50V M |
| C464 | VE-30012610 | CAP SMD | 10NF 50V J |
| C465 | VE-30012575 | CAP SMD | 4.7PF 50V C CH |
| C468 | VE-30012574 | CAP SMD | 470PF 50V J |
| C501 | VE-30000074 | CAP MKT | 100NF 63V J |
| C502 | VE-30000396 | CAP EL | 47UF 16V M. |
| C503 | VE-30012603 | CAP SMD | 100NF 25V K R |
| C504 | VE-30012589 | CAP SMD | 4.7NF 50V K |
| C508 | VE-30012586 | CAP SMD | 22NF 50V K |
| C509 | VE-30012566 | CAP SMD | 22PF 50V J |
| C511 | VE-30000371 | CAP EL | 22UF 50V M |
| C513 | VE-30012579 | CAP SMD | 82PF 50V J |
| C514 | VE-30000100 | CAP MKT | 330NF 63V J |
| C515 | VE-30012586 | CAP SMD | 22NF 50V K |
| C518 | VE-30012560 | CAP SMD | 100PF 50V J |
| C519 | VE-30012562 | CAP SMD | 15PF 50V J |
| C520 | VE-30012562 | CAP SMD | 15PF 50V J |
| C521 | VE-30012585 | CAP SMD | 2.2NF 50V K R |
| C523 | VE-30012566 | CAP SMD | 22PF 50V J |
| C526 | VE-30012589 | CAP SMD | 4.7NF 50V K |
| C534 | VE-30000431 | CAP CER | 100PF 1KV M |
| C535 | VE-30006753 | CAP CER | 220PF 1KV K B |
| C536 | VE-30012607 | CAP SMD | 150PF 50V J |
| C538 | VE-30012560 | CAP SMD | 100PF 50V J |
| C539 | VE-30000400 | CAP EL | 47UF 50V M |
| C540 | VE-30000315 | CAP SMD | 220NF 25V Z |
| C541 | VE-30012590 | CAP SMD | 47NF 50V K |
| C542 | VE-30010571 | CAP EL | 10UF 16V M |
| C602 | VE-30000107 | CAP MKT | 47NF 250V J |
| C603 | VE-30000100 | CAP MKT | 330NF 63V J |
| C604 | VE-30018416 | CAP EL | 470UF 16V M 105° |
| C605 | VE-30000354 | CAP EL | 100UF 35V M |
| C606 | VE-30000092 | CAP MKT | 220NF 63V J |
| C607 | VE-30016085 | CAP EL | 10UF 63V 105° |
| C609 | VE-30000371 | CAP EL | 22UF 50V M |
| C610 | VE-30000360 | CAP EL | 1000UF 25V M |
| ⚠C611 | VE-30000179 | CAP MKP | 9.1NF 1600Vdc/ 1250Vpp %3.5 |
| C613 | VE-30000350 | CAP EL | 10UF 250V M |
| ⚠C616 | VE-30000156 | CAP MKP | 430NF 250V J |
| C617 | VE-30007750 | CAP EL | 470UF 35V |
| C618 | VE-30000092 | CAP MKT | 220NF 63V J |
| C619 | VE-30000384 | CAP EL | 2.2UF 50V M |
| C643 | VE-30000394 | CAP EL | 3.3UF 160V M |
| C644 | VE-30000345 | CAP EL | 10UF 50V M |
| C646 | VE-30012581 | CAP SMD | 1NF 50V K R |
| C647 | VE-30000116 | CAP MKT | 68NF 63V J |
| C648 | VE-30012609 | CAP SMD | 68NF 50V K |
| C649 | VE-30012573 | CAP SMD | 47PF 50V J |
| C650 | VE-30000294 | CAP SMD | 100NF 50V K |
| ⚠C801 | VE-30000094 | CAP MKT | 220NF 275V M AC |
| ⚠C802 | VE-30000084 | CAP MKT | 150NF 275V M AC P=15 |
| C805 | VE-30012585 | CAP SMD | 2.2NF 50V K R |
| C806 | VE-30012574 | CAP SMD | 470PF 50V J |

| ⚠Ref No. | Part No. | Part Name | Description Local |
|---|---|---|---|
| C807 | VE-30000090 | CAP MKT | 22NF 100V J |
| C808 | VE-30000418 | CAP EL | 100UF 400V M |
| C810 | VE-30000315 | CAP SMD | 220NF 25V Z |
| C811 | VE-30000345 | CAP EL | 10UF 50V M |
| C812 | VE-30000161 | CAP MKP | 47NF 630Vdc / 622Vpp J |
| C814 | VE-30000447 | CAP CER | 4.7NF 4KV M E |
| C815 | VE-30000294 | CAP SMD | 100NF 50V K |
| C816 | VE-30013533 | CAP CER | 100PF 1KV K |
| C817 | VE-30000431 | CAP CER | 100PF 1KV M |
| C818 | VE-30000433 | CAP CER | 1NF 1KV M B |
| C819 | VE-30000407 | CAP EL | 470UF 16V M. |
| C820 | VE-30000404 | CAP EL | 47UF 160V M (HR) 105° |
| C821 | VE-30000294 | CAP SMD | 100NF 50V K |
| C822 | VE-30018416 | CAP EL | 470UF 16V M 105° |
| C823 | VE-30000352 | CAP EL | 100UF 16V M |
| C824 | VE-30000352 | CAP EL | 100UF 16V M |
| C825 | VE-30000352 | CAP EL | 100UF 16V M |
| C826 | VE-30000092 | CAP MKT | 220NF 63V J |
| C827 | VE-30006672 | CAP EL | 47UF 160V M |
| C828 | VE-30013533 | CAP CER | 100PF 1KV K |
| C832 | VE-30009208 | CAP CER | 470PF 1KV K |
| C834 | VE-30007308 | CAP CER | 220PF 1KV K |
| C837 | VE-30009208 | CAP CER | 470PF 1KV K |
| C839 | VE-30000294 | CAP SMD | 100NF 50V K |
| C840 | VE-30000294 | CAP SMD | 100NF 50V K |
| C905 | VE-30012568 | CAP SMD | 270PF 50V J |
| C907 | VE-30012568 | CAP SMD | 270PF 50V J |
| C909 | VE-30012568 | CAP SMD | 270PF 50V J |
| C910 | VE-30000434 | CAP CER | 1NF 2KV K B |
| C911 | VE-30012579 | CAP SMD | 82PF 50V J |
| C912 | VE-30012579 | CAP SMD | 82PF 50V J |
| C913 | VE-30012579 | CAP SMD | 82PF 50V J |
| C915 | VE-30012567 | CAP SMD | 220PF 50V J |
| C916 | VE-30012567 | CAP SMD | 220PF 50V J |
| C917 | VE-30012567 | CAP SMD | 220PF 50V J |
| PL101 | VE-30000345 | CAP EL | 10UF 50V M |
| S102 | VE-30012560 | CAP SMD | 100PF 50V J |
| X403 | VE-30000074 | CAP MKT | 100NF 63V J |
| R101 | VE-30012509 | RES SMD | 1/16W 100K J |
| R102 | VE-30012641 | RES SMD | 1/16W 10K J |
| R106 | VE-30012696 | RES SMD | 1/16W 47K J |
| R109 | VE-30012641 | RES SMD | 1/16W 10K J |
| R110 | VE-30012713 | RES SMD | 1/16W 75R J |
| R111 | VE-30012713 | RES SMD | 1/16W 75R J |
| R112 | VE-30012696 | RES SMD | 1/16W 47K J |
| R113 | VE-30012713 | RES SMD | 1/16W 75R J |
| R114 | VE-30012692 | RES SMD | 1/16W 4.7K J |
| R115 | VE-30012713 | RES SMD | 1/16W 75R J |
| R117 | VE-30012986 | RES SMD | 1/16W 68R J |
| R118 | VE-30012713 | RES SMD | 1/16W 75R J |
| R121 | VE-30012657 | RES SMD | 1/16W 1K J |
| R123 | VE-30014128 | RES SMD | 1/16W 33R J |
| R125 | VE-30012713 | RES SMD | 1/16W 75R J |
| R126 | VE-30012695 | RES SMD | 1/16W 470R J |
| R127 | VE-30012713 | RES SMD | 1/16W 75R J |
| R128 | VE-30000459 | RES CF | 1/4W 100R J. |
| R130 | VE-30012641 | RES SMD | 1/16W 10K J |
| R131 | VE-30012649 | RES SMD | 1/16W 150R J |
| R132 | VE-30012649 | RES SMD | 1/16W 150R J |
| R201 | VE-30012674 | RES SMD | 1/16W 27K J |
| R203 | VE-30000583 | RES CF | 1/4W 220R J |
| R204 | VE-30012692 | RES SMD | 1/16W 4.7K J |
| R206 | VE-30000583 | RES CF | 1/4W 220R J |
| R401 | VE-30014076 | RES SMD | 1/16W 4.7R J |
| R402 | VE-30014076 | RES SMD | 1/16W 4.7R J |
| R408 | VE-30000466 | RES CF | 1/4W 1K J |
| R409 | VE-30012510 | RES SMD | 1/16W 100R J |
| R410 | VE-30012707 | RES SMD | 1/16W 680R J |
| R411 | VE-30012657 | RES SMD | 1/16W 1K J |
| R412 | VE-30012667 | RES SMD | 1/16W 220K J |
| R413 | VE-30000712 | RES CF | 1/4W 470R J |
| R414 | VE-30012649 | RES SMD | 1/16W 150R J |
| R415 | VE-30012683 | RES SMD | 1/16W 330K J |
| R416 | VE-30012713 | RES SMD | 1/16W 75R J |
| R417 | VE-30012650 | RES SMD | 1/16W 15K J |
| R418 | VE-30012510 | RES SMD | 1/16W 100R J |
| R419 | VE-30012510 | RES SMD | 1/16W 100R J |
| R420 | VE-30000466 | RES CF | 1/4W 1K J |
| R421 | VE-30012674 | RES SMD | 1/16W 27K J |
| R422 | VE-30012662 | RES SMD | 1/16W 2.7K J |
| R423 | VE-30012714 | RES SMD | 1/16W 820R J |
| R424 | VE-30012714 | RES SMD | 1/16W 820R J |
| R425 | VE-30012714 | RES SMD | 1/16W 820R J |
| R426 | VE-30000718 | RES CF | 1/4W 4.7K J |
| R427 | VE-30012657 | RES SMD | 1/16W 1K J |
| R428 | VE-30012696 | RES SMD | 1/16W 47K J |

| ⚠Ref No. | Part No. | Part Name | Description Local |
|---|---|---|---|
| R429 | VE-30000466 | RES CF | 1/4W 1K J |
| R430 | VE-30000466 | RES CF | 1/4W 1K J |
| R431 | VE-30000466 | RES CF | 1/4W 1K J |
| R433 | VE-30000712 | RES CF | 1/4W 470R J |
| R434 | VE-30012657 | RES SMD | 1/16W 1K J |
| R435 | VE-30012659 | RES SMD | 1/16W 2.2K J |
| R436 | VE-30012674 | RES SMD | 1/16W 27K J |
| R437 | VE-30012642 | RES SMD | 1/16W 120K J |
| R457 | VE-30012641 | RES SMD | 1/16W 10K J |
| R460 | VE-30012698 | RES SMD | 1/16W 5.6K J |
| R469 | VE-30012683 | RES SMD | 1/16W 330K J |
| R470 | VE-30000670 | RES CF | 1/4W 330K J |
| R474 | VE-30000748 | RES CF | 1/4W 5.6K J |
| R477 | VE-30012662 | RES SMD | 1/16W 2.7K J |
| R478 | VE-30014022 | RES SMD | 1/16W 47R J |
| R479 | VE-30012510 | RES SMD | 1/16W 100R J |
| R502 | VE-30012695 | RES SMD | 1/16W 470R J |
| R503 | VE-30012707 | RES SMD | 1/16W 680R J |
| R504 | VE-30012679 | RES SMD | 1/16W 3.9K J |
| R506 | VE-30012506 | RES SMD | 1/16W 1.5K J |
| R507 | VE-30012657 | RES SMD | 1/16W 1K J |
| R508 | VE-30014022 | RES SMD | 1/16W 47R J |
| R509 | VE-30012641 | RES SMD | 1/16W 10K J |
| R510 | VE-30012673 | RES SMD | 1/16W 270R J |
| R511 | VE-30012508 | RES SMD | 1/16W 1.8K J |
| R512 | VE-30000459 | RES CF | 1/4W 100R J |
| R513 | VE-30000459 | RES CF | 1/4W 100R J |
| R514 | VE-30012657 | RES SMD | 1/16W 1K J |
| R515 | VE-30012692 | RES SMD | 1/16W 4.7K J |
| R516 | VE-30012692 | RES SMD | 1/16W 4.7K J |
| R517 | VE-30012692 | RES SMD | 1/16W 4.7K J |
| R518 | VE-30012659 | RES SMD | 1/16W 2.2K J |
| R519 | VE-30012659 | RES SMD | 1/16W 2.2K J |
| R520 | VE-30012698 | RES SMD | 1/16W 5.6K J |
| R526 | VE-30012657 | RES SMD | 1/16W 1K J |
| R528 | VE-30012668 | RES SMD | 1/16W 220R J |
| R529 | VE-30000590 | RES CF | 1/4W 2.2K J |
| R530 | VE-30012641 | RES SMD | 1/16W 10K J |
| R531 | VE-30012698 | RES SMD | 1/16W 5.6K J |
| R533 | VE-30012698 | RES SMD | 1/16W 5.6K J |
| R534 | VE-30000500 | RES CF | 1/4W 12K J |
| R535 | VE-30012506 | RES SMD | 1/16W 1.5K J |
| R537 | VE-30000471 | RES CF | 1/4W 10K J |
| R541 | VE-30000500 | RES CF | 1/4W 12K J |
| R542 | VE-30012508 | RES SMD | 1/16W 1.8K J |
| R546 | VE-30012692 | RES SMD | 1/16W 4.7K J |
| R547 | VE-30012641 | RES SMD | 1/16W 10K J |
| R560 | VE-30000525 | RES CF | 1/2W 1.5K J |
| R564 | VE-30012641 | RES SMD | 1/16W 10K J |
| R565 | VE-30012641 | RES SMD | 1/16W 10K J |
| R566 | VE-30012641 | RES SMD | 1/16W 10K J |
| R568 | VE-30000459 | RES CF | 1/4W 100R J |
| R601 | VE-30000723 | RES CF | 1/4W 47K J |
| R602 | VE-30012642 | RES SMD | 1/16W 120K J |
| R603 | VE-30012711 | RES SMD | 1/16W 75K J |
| R604 | VE-30000718 | RES CF | 1/4W 4.7K J |
| R605 | VE-30012641 | RES SMD | 1/16W 10K J |
| R607 | VE-30015578 | RES SMD | 1/16W 2.2R J |
| R609 | VE-30001145 | RES MO | 1W 33R J |
| R610 | VE-30000519 | RES CF | 1/4W 150R J |
| R611 | VE-30000650 | RES CF | 1/4W 33R J |
| R612 | VE-30012508 | RES SMD | 1/16W 1.8K J |
| R613 | VE-30000828 | RES CF | 1/4W 8.2M J |
| R615 | VE-30012510 | RES SMD | 1/16W 100R J |
| R616 | VE-30001145 | RES MO | 1W 33R J |
| R617 | VE-30012677 | RES SMD | 1/16W 3.3K J |
| R618 | VE-30000769 | RES CF | 1/2W 680R J |
| R619 | VE-30000910 | RES MF | 1/2W 1.8R G |
| R623 | VE-30000869 | RES MF | 1/4W 12K J |
| R624 | VE-30000594 | RES CF | 1/4W 22K J |
| R625 | VE-30000469 | RES SMD | 1/10W 1K J |
| ⚠R626 | VE-30001215 | RES FUSE | 1W 1R J |
| R627 | VE-30000718 | RES CF | 1/4W 4.7K J |
| R628 | VE-30014941 | RES CF | 1/4W 16K J |
| R629 | VE-30000594 | RES CF | 1/4W 22K J |
| R631 | VE-30012508 | RES SMD | 1/16W 1.8K J |
| R633 | VE-30000564 | RES CF | 1/4W 18K J |
| R635 | VE-30012659 | RES SMD | 1/16W 2.2K J |
| R636 | VE-30006757 | RES MO | 1W 560R J |
| ⚠R637 | VE-30001225 | RES FUSE | 1/4W 0.22R J |
| R638 | VE-30006757 | RES MO | 1W 560R J |
| R639 | VE-30002731 | RES SMD | 1/10W 68R J |
| R640 | VE-30002731 | RES SMD | 1/10W 68R J |
| R801 | VE-30000983 | RES MF | 1/4W 4.7K F |
| R802 | VE-30012642 | RES SMD | 1/16W 120K J |
| R803 | VE-30007207 | RES SMD | 1/10W 22K F |
| R804 | VE-30000466 | RES CF | 1/4W 1K J |

| ⚠Ref No. | Part No. | Part Name | Description Local |
|---|---|---|---|
| R805 | VE-30000466 | RES CF | 1/4W 1K J |
| R807 | VE-30001157 | RES MO | 1W 330K J |
| R808 | VE-30000452 | RES CF | 1/4W 10R J |
| R809 | VE-30001183 | RES MO | 2W 56K J |
| R810 | VE-30017136 | RES MO | 1W 0.56R J |
| ⚠R811 | VE-30001257 | RES MG | 1/2W 4.7M J |
| R813 | VE-30000470 | RES CF | 1/2W 10K J |
| R814 | VE-30000649 | RES CF | 1/2W 33R J |
| R815 | VE-30000524 | RES SMD | 1/10W 150R J |
| R816 | VE-30000470 | RES CF | 1/2W 10K J |
| R817 | VE-30000594 | RES CF | 1/4W 22K J |
| R820 | VE-30000469 | RES SMD | 1/10W 1K J |
| ⚠R821 | VE-30001229 | RES FUSE | 1W 2.2R J |
| R828 | VE-30001185 | RES MO | 2W 5.6R J |
| R829 | VE-30012714 | RES SMD | 1/16W 820R J |
| ⚠R830 | VE-30001245 | RES FUSE | 1/4W 0.47R J |
| R831 | VE-30012677 | RES SMD | 1/16W 3.3K J |
| ⚠R832 | VE-30018085 | CAP VAR | 510V K |
| R901 | VE-30012688 | RES SMD | 1/16W 390R J |
| R902 | VE-30012688 | RES SMD | 1/16W 390R J |
| R903 | VE-30012688 | RES SMD | 1/16W 390R J |
| R904 | VE-30012508 | RES SMD | 1/16W 1.8K J |
| R905 | VE-30012508 | RES SMD | 1/16W 1.8K J |
| R906 | VE-30012508 | RES SMD | 1/16W 1.8K J |
| R907 | VE-30014022 | RES SMD | 1/16W 47R J |
| R908 | VE-30014022 | RES SMD | 1/16W 47R J |
| R909 | VE-30014022 | RES SMD | 1/16W 47R J |
| R910 | VE-30012695 | RES SMD | 1/16W 470R J |
| R911 | VE-30012695 | RES SMD | 1/16W 470R J |
| R912 | VE-30012695 | RES SMD | 1/16W 470R J |
| R913 | VE-30001116 | RES MO | 2W 18K J |
| R914 | VE-30001116 | RES MO | 2W 18K J |
| R915 | VE-30001116 | RES MO | 2W 18K J |
| R916 | VE-30000459 | RES CF | 1/4W 100R J |
| R917 | VE-30012510 | RES SMD | 1/16W 100R J |
| R918 | VE-30012510 | RES SMD | 1/16W 100R J |
| R919 | VE-30000526 | RES CF | 1/4W 1.5K J |
| R920 | VE-30000526 | RES CF | 1/4W 1.5K J |
| R921 | VE-30000526 | RES CF | 1/4W 1.5K J |
| J142 | VE-30000461 | RES CF | 1/6W 100R J |
| L101 | VE-30001971 | FERRITE SMD | |
| L103 | VE-30001971 | FERRITE SMD | |
| L104 | VE-30001734 | JUMPER SMD | |
| L105 | VE-30001971 | FERRITE SMD | |
| L106 | VE-30001971 | FERRITE SMD | |
| L201 | VE-30001992 | FIXED COIL | 10UH |
| L204 | VE-30001984 | FIXED COIL | 2.2UH |
| L402 | VE-30001992 | FIXED COIL | 10UH |
| L403 | VE-30001990 | FIXED COIL | 6.8UH |
| L404 | VE-30001987 | FIXED COIL | 4.7UH |
| L406 | VE-30001971 | FERRITE SMD | |
| L407 | VE-30001992 | FIXED COIL | 10UH |
| L410 | VE-30001992 | FIXED COIL | 10UH |
| L601 | VE-30001990 | FIXED COIL | 6.8UH |
| L802 | VE-30001971 | FERRITE SMD | |
| L803 | VE-30001984 | FIXED COIL | 2.2UH |
| L804 | VE-30001971 | FERRITE SMD | |
| L805 | VE-30001971 | FERRITE SMD | |
| L806 | VE-30002011 | FIXED COIL | 150UH |
| L811 | VE-30001990 | FIXED COIL | 6.8UH |
| J128 | VE-30002002 | FIXED COIL | 47UH |
| J168 | VE-30001992 | FIXED COIL | 10UH |
| ⚠TR601 | VE-30017788 | TRF FBT | |
| ⚠TR801 | VE-30015302 | TRF SMPS | (170-270V) |
| ⚠F801 | VE-30001731 | FUSE | 2.5A 250V |
| ⚠L801 | VE-30002100 | LINE FILTER | |
| LX810 | VE-30010964 | FERRITE SMD | |
| PL102 | VE-30015053 | SOCKET SCART | |
| ⚠PL902 | VE-30001860 | SOCKET CRT | |
| SW501 | VE-30015988 | SWITCH TACT | |
| SW502 | VE-30015988 | SWITCH TACT | |
| SW503 | VE-30015988 | SWITCH TACT | |
| SW504 | VE-30015988 | SWITCH TACT | |
| ⚠SW801 | VE-30017848 | SWITCH ON/OFF | |
| ⚠TH800 | VE-30001270 | PTC | 9 OHM |
| TU201 | VE-30009637 | TUNER WSP (PLL) | |
| VL405 | VE-30026042 | ADJ.COIL | |
| X401 | VE-30001749 | XTAL | |
| X402 | VE-30015592 | XTAL | |
| X501 | VE-30002851 | XTAL | |
| Z401 | VE-30018329 | FILTER SER TRAP | 5.5MHZ |
| Z403 | VE-30012622 | FILTER SAW | |

## FRONT AV JACK P.W. BOARD ASS'Y (VE-20124552)

REFER TO PARTS LIST IN PAGE 3-6 FOR THIS P.W. BOARD.

## HEADPHONE JACK P.W. BOARD ASS'Y (VE-20170438)

REFER TO PARTS LIST IN PAGE 3-6 FOR THIS P.W. BOARD.

# PRINTED WIRING BOARD PARTS LIST [AV-14RM4SP]

## MAIN P.W. BOARD ASS'Y (VE-20159384)

| ⚠Ref No. | Part No. | Part Name | Description Local |
|---|---|---|---|
| IC403 | VE-30026922 | IC | |
| IC404 | VE-30001612 | IC | |
| IC500 | VE-20109888 | IC(MEMORY) | |
| IC501 | VE-20093790 | IC(MICOM) | |
| IC502 | VE-30001670 | PREAMPLIFIER | |
| ⚠IC600 | VE-30015306 | IC | |
| IC810 | VE-20079043 | IC | |
| IC841 | VE-30001627 | IC | |
| IC842 | VE-30001622 | IC | |
| Q101 | VE-30001457 | TRANSISTOR | |
| Q102 | VE-30001457 | TRANSISTOR | |
| Q103 | VE-30001457 | TRANSISTOR | |
| Q104 | VE-30001457 | TRANSISTOR | |
| Q455 | VE-30001457 | TRANSISTOR | |
| Q456 | VE-30001457 | TRANSISTOR | |
| Q457 | VE-30001457 | TRANSISTOR | |
| Q458 | VE-30001457 | TRANSISTOR | |
| Q459 | VE-30001457 | TRANSISTOR | |
| Q501 | VE-30001458 | TRANSISTOR | |
| Q601 | VE-30013656 | TRANSISTOR POWER | |
| Q602 | VE-20090846 | TRANSISTOR | |
| Q603 | VE-30001457 | TRANSISTOR | |
| Q801 | VE-30001385 | TRANSISTOR | |
| Q803 | VE-30001457 | TRANSISTOR | |
| Q805 | VE-30014346 | IC | |
| Q901 | VE-30001461 | TRANSISTOR | |
| Q902 | VE-30001461 | TRANSISTOR | |
| Q903 | VE-30001461 | TRANSISTOR | |
| Q904 | VE-30001426 | TRANSISTOR | |
| Q905 | VE-30001426 | TRANSISTOR | |
| Q906 | VE-30001426 | TRANSISTOR | |
| D101 | VE-30007763 | DIODE ZENER | |
| D108 | VE-30009699 | DIODE ZENER | |
| D109 | VE-30007763 | DIODE ZENER | |
| D110 | VE-30007763 | DIODE ZENER | |
| D111 | VE-30003720 | DIODE ZENER | |
| D402 | VE-30007763 | DIODE ZENER | |
| D404 | VE-30012411 | DIODE | |
| D405 | VE-30012411 | DIODE | |
| D406 | VE-30001285 | DIODE | |
| D407 | VE-30001285 | DIODE | |
| D410 | VE-30018576 | DIODE ZENER | |
| D411 | VE-30018576 | DIODE ZENER | |
| D412 | VE-30018576 | DIODE ZENER | |
| D413 | VE-30009699 | DIODE ZENER | |
| D414 | VE-30009699 | DIODE ZENER | |
| D501 | VE-30001285 | DIODE | |
| D502 | VE-30007761 | DIODE ZENER | |
| D503 | VE-30001284 | DIODE | |
| D504 | VE-30001284 | DIODE | |
| D505 | VE-30001377 | DIODE ZENER | |
| D509 | VE-30001279 | LED | |
| D601 | VE-30001329 | DIODE | |
| D602 | VE-30001285 | DIODE | |
| D604 | VE-30001318 | DIODE | |
| D605 | VE-30001318 | DIODE | |
| D606 | VE-30001318 | DIODE | |
| D609 | VE-30001284 | DIODE | |
| D610 | VE-30009699 | DIODE ZENER | |
| D801 | VE-30001285 | DIODE | |
| D802 | VE-30001318 | DIODE | |
| D803 | VE-30001331 | DIODE | |
| D804 | VE-30001288 | DOIDE | |
| D805 | VE-30001301 | DIODE | |
| D806 | VE-30001288 | DOIDE | |
| ⚠D811 | VE-30001318 | DIODE | |
| D839 | VE-30007763 | DIODE ZENER | |
| D901 | VE-30001285 | DIODE | |
| D902 | VE-30001285 | DIODE | |
| D903 | VE-30001285 | DIODE | |
| C103 | VE-30000371 | CAP EL | 22UF 50V M |
| C104 | VE-30012589 | CAP SMD | 4.7NF 50V K |
| C105 | VE-30016654 | CAP SMD | 100NF 16V K R |
| C106 | VE-30012589 | CAP SMD | 4.7NF 50V K |
| C108 | VE-30012589 | CAP SMD | 4.7NF 50V K |
| C201 | VE-30000400 | CAP EL | 47UF 50V M |
| C206 | VE-30000371 | CAP EL | 22UF 50V M |
| C207 | VE-30012610 | CAP SMD | 10NF 50V J |

| ⚠Ref No. | Part No. | Part Name | Description Local |
|---|---|---|---|
| C208 | VE-30012610 | CAP SMD | 10NF 50V J |
| C401 | VE-30000345 | CAP EL | 10UF 50V M |
| C402 | VE-30000289 | CAP SMD | 10NF 50V K R |
| C403 | VE-30012610 | CAP SMD | 10NF 50V J |
| C404 | VE-30016654 | CAP SMD | 100NF 16V K R |
| C405 | VE-30016654 | CAP SMD | 100NF 16V K R |
| C408 | VE-30000074 | CAP MKT | 100NF 63V J |
| C409 | VE-30000384 | CAP EL | 2.2UF 50V M |
| C410 | VE-30000109 | CAP MKT | 470NF 63V J |
| C411 | VE-30000074 | CAP MKT | 100NF 63V J |
| C413 | VE-30016654 | CAP SMD | 100NF 16V K R |
| C415 | VE-30000362 | CAP EL | 1UF 50V M |
| C416 | VE-30012586 | CAP SMD | 22NF 50V K |
| C417 | VE-30000362 | CAP EL | 1UF 50V M |
| C418 | VE-30000362 | CAP EL | 1UF 50V M |
| C419 | VE-30000074 | CAP MKT | 100NF 63V J |
| C420 | VE-30000345 | CAP EL | 10UF 50V M |
| C421 | VE-30012581 | CAP SMD | 1NF 50V K R |
| C422 | VE-30000100 | CAP MKT | 330NF 63V J |
| C423 | VE-30012586 | CAP SMD | 22NF 50V K |
| C424 | VE-30000109 | CAP MKT | 470NF 63V J |
| C425 | VE-30000074 | CAP MKT | 100NF 63V J |
| C427 | VE-30000362 | CAP EL | 1UF 50V M |
| C428 | VE-30000362 | CAP EL | 1UF 50V M |
| C429 | VE-30012586 | CAP SMD | 22NF 50V K |
| C431 | VE-30016654 | CAP SMD | 100NF 16V K R |
| C432 | VE-30016654 | CAP SMD | 100NF 16V K R |
| C434 | VE-30012586 | CAP SMD | 22NF 50V K |
| C435 | VE-30012585 | CAP SMD | 2.2NF 50V K R |
| C436 | VE-30007082 | CAP MKT | 680NF 63V J |
| C438 | VE-30000384 | CAP EL | 2.2UF 50V M |
| C440 | VE-30012589 | CAP SMD | 4.7NF 50V K |
| C442 | VE-30000362 | CAP EL | 1UF 50V M |
| C443 | VE-30000345 | CAP EL | 10UF 50V M |
| C451 | VE-30012567 | CAP SMD | 220PF 50V J |
| C458 | VE-30012567 | CAP SMD | 220PF 50V J |
| C459 | VE-30000345 | CAP EL | 10UF 50V M |
| C460 | VE-30000371 | CAP EL | 22UF 50V M |
| C464 | VE-30012610 | CAP SMD | 10NF 50V J |
| C465 | VE-30012575 | CAP SMD | 4.7PF 50V C CH |
| C468 | VE-30012574 | CAP SMD | 470PF 50V J |
| C501 | VE-30000074 | CAP MKT | 100NF 63V J |
| C502 | VE-30000396 | CAP EL | 47UF 16V M |
| C503 | VE-30012603 | CAP SMD | 100NF 25V K R |
| C504 | VE-30012589 | CAP SMD | 4.7NF 50V K |
| C508 | VE-30012586 | CAP SMD | 22NF 50V K |
| C509 | VE-30012566 | CAP SMD | 22PF 50V J |
| C511 | VE-30000371 | CAP EL | 22UF 50V M |
| C513 | VE-30012579 | CAP SMD | 82PF 50V J |
| C514 | VE-30000100 | CAP MKT | 330NF 63V J |
| C515 | VE-30012586 | CAP SMD | 22NF 50V K |
| C518 | VE-30012560 | CAP SMD | 100PF 50V J |
| C519 | VE-30012562 | CAP SMD | 15PF 50V J |
| C520 | VE-30012562 | CAP SMD | 15PF 50V J |
| C521 | VE-30012585 | CAP SMD | 2.2NF 50V K R |
| C523 | VE-30012566 | CAP SMD | 22PF 50V J |
| C526 | VE-30012589 | CAP SMD | 4.7NF 50V K |
| C534 | VE-30000431 | CAP CER | 100PF 1KV M |
| C535 | VE-30006753 | CAP CER | 220PF 1KV K B |
| C536 | VE-30012607 | CAP SMD | 150PF 50V J |
| C538 | VE-30012560 | CAP SMD | 100PF 50V J |
| C539 | VE-30000400 | CAP EL | 47UF 50V M |
| C540 | VE-30000315 | CAP SMD | 220NF 25V Z |
| C541 | VE-30012590 | CAP SMD | 47NF 50V K |
| C542 | VE-30010571 | CAP EL | 10UF 16V M |
| C602 | VE-30000107 | CAP MKT | 47NF 250V J |
| C603 | VE-30000100 | CAP MKT | 330NF 63V J |
| C604 | VE-30018416 | CAP EL | 470UF 16V M 105° |
| C605 | VE-30000354 | CAP EL | 100UF 35V M |
| C606 | VE-30000092 | CAP MKT | 220NF 63V J |
| C607 | VE-30016085 | CAP EL | 10UF 63V 105° |
| C609 | VE-30000371 | CAP EL | 22UF 50V M |
| C610 | VE-30000360 | CAP EL | 1000UF 25V M |
| ⚠C611 | VE-30000179 | CAP MKP | 9.1NF 1600Vdc1250Vpp %3.5 |
| C613 | VE-30000350 | CAP EL | 10UF 250V M |
| C616 | VE-30000156 | CAP MKP | 430NF 250V J |
| C617 | VE-30007750 | CAP EL | 470UF 35V |
| C618 | VE-30000092 | CAP MKT | 220NF 63V J |
| C619 | VE-30000384 | CAP EL | 2.2UF 50V M |
| C643 | VE-30000394 | CAP EL | 3.3UF 160V M |
| C644 | VE-30000345 | CAP EL | 10UF 50V M |
| C646 | VE-30012581 | CAP SMD | 1NF 50V K R |
| C647 | VE-30000116 | CAP MKT | 68NF 63V J |
| C648 | VE-30012609 | CAP SMD | 68NF 50V K |

| ⚠Ref No. | Part No. | Part Name | Description Local |
|---|---|---|---|
| C649 | VE-30012573 | CAP SMD | 47PF 50V J |
| C650 | VE-30000294 | CAP SMD | 100NF 50V K |
| ⚠C801 | VE-30000094 | CAP MKT | 220NF 275V M |
| ⚠C802 | VE-30000084 | CAP MKT | 150NF 275V M |
| C805 | VE-30012585 | CAP SMD | 2.2NF 50V K R |
| C806 | VE-30012574 | CAP SMD | 470PF 50V J |
| C807 | VE-30000090 | CAP MKT | 22NF 100V J |
| C808 | VE-30000418 | CAP EL | 100UF 400V M |
| C810 | VE-30000315 | CAP SMD | 220NF 25V Z |
| C811 | VE-30000345 | CAP EL | 10UF 50V M |
| C812 | VE-30000161 | CAP MKP | 47NF 630Vdc / 622Vpp J |
| C814 | VE-30000447 | CAP CER | 4.7NF 4KV M E |
| C815 | VE-30000294 | CAP SMD | 100NF 50V K |
| C816 | VE-30013533 | CAP CER | 100PF 1KV K |
| C817 | VE-30000431 | CAP CER | 100PF 1KV M |
| C818 | VE-30000433 | CAP CER | 1NF 1KV M B |
| C819 | VE-30000407 | CAP EL | 470UF 16V M |
| C820 | VE-30000404 | CAP EL | 47UF 160V M (HR) 105° |
| C821 | VE-30000294 | CAP SMD | 100NF 50V K |
| C822 | VE-30018416 | CAP EL | 470UF 16V M 105° |
| C823 | VE-30000352 | CAP EL | 100UF 16V M |
| C824 | VE-30000352 | CAP EL | 100UF 16V M |
| C825 | VE-30000352 | CAP EL | 100UF 16V M |
| C826 | VE-30000092 | CAP MKT | 220NF 63V J |
| C827 | VE-30006672 | CAP EL | 47UF 160V M |
| C828 | VE-30013533 | CAP CER | 100PF 1KV K |
| C832 | VE-30009208 | CAP CER | 470PF 1KV K |
| C834 | VE-30007308 | CAP CER | 220PF 1KV K |
| C837 | VE-30009208 | CAP CER | 470PF 1KV K |
| C839 | VE-30000294 | CAP SMD | 100NF 50V K |
| C840 | VE-30000294 | CAP SMD | 100NF 50V K |
| C905 | VE-30012568 | CAP SMD | 270PF 50V J |
| C907 | VE-30012568 | CAP SMD | 270PF 50V J |
| C909 | VE-30012568 | CAP SMD | 270PF 50V J |
| C910 | VE-30000434 | CAP CER | 1NF 2KV K B |
| C911 | VE-30012579 | CAP SMD | 82PF 50V J |
| C912 | VE-30012579 | CAP SMD | 82PF 50V J |
| C913 | VE-30012579 | CAP SMD | 82PF 50V J |
| C915 | VE-30012567 | CAP SMD | 220PF 50V J |
| C916 | VE-30012567 | CAP SMD | 220PF 50V J |
| C917 | VE-30012567 | CAP SMD | 220PF 50V J |
| PL101 | VE-30000345 | CAP EL | 10UF 50V M |
| S102 | VE-30012560 | CAP SMD | 100PF 50V J |
| X403 | VE-30000074 | CAP MKT | 100NF 63V J |
| R101 | VE-30012509 | RES SMD | 1/16W 100K J |
| R102 | VE-30012641 | RES SMD | 1/16W 10K J |
| R106 | VE-30012696 | RES SMD | 1/16W 47K J |
| R109 | VE-30012641 | RES SMD | 1/16W 10K J |
| R110 | VE-30012713 | RES SMD | 1/16W 75R J |
| R111 | VE-30012713 | RES SMD | 1/16W 75R J |
| R112 | VE-30012696 | RES SMD | 1/16W 47K J |
| R113 | VE-30012713 | RES SMD | 1/16W 75R J |
| R114 | VE-30012692 | RES SMD | 1/16W 4.7K J |
| R115 | VE-30012713 | RES SMD | 1/16W 75R J |
| R117 | VE-30012986 | RES SMD | 1/16W 68R J |
| R118 | VE-30012713 | RES SMD | 1/16W 75R J |
| R121 | VE-30012657 | RES SMD | 1/16W 1K J |
| R123 | VE-30014128 | RES SMD | 1/16W 33R J |
| R125 | VE-30012713 | RES SMD | 1/16W 75R J |
| R126 | VE-30012695 | RES SMD | 1/16W 470R J |
| R127 | VE-30012713 | RES SMD | 1/16W 75R J |
| R128 | VE-30000459 | RES CF | 1/4W 100R J |
| R130 | VE-30012641 | RES SMD | 1/16W 10K J |
| R131 | VE-30012649 | RES SMD | 1/16W 150R J |
| R132 | VE-30012649 | RES SMD | 1/16W 150R J |
| R201 | VE-30012674 | RES SMD | 1/16W 27K J |
| R203 | VE-30000583 | RES CF | 1/4W 220R J |
| R204 | VE-30012692 | RES SMD | 1/16W 4.7K J |
| R206 | VE-30000583 | RES CF | 1/4W 220R J |
| R401 | VE-30014076 | RES SMD | 1/16W 4.7R J |
| R402 | VE-30014076 | RES SMD | 1/16W 4.7R J |
| R408 | VE-30000466 | RES CF | 1/4W 1K J |
| R409 | VE-30012510 | RES SMD | 1/16W 100R J |
| R410 | VE-30012707 | RES SMD | 1/16W 680R J |
| R411 | VE-30012657 | RES SMD | 1/16W 1K J |
| R412 | VE-30012667 | RES SMD | 1/16W 220K J |
| R413 | VE-30000712 | RES CF | 1/4W 470R J |
| R414 | VE-30012649 | RES SMD | 1/16W 150R J |
| R415 | VE-30012683 | RES SMD | 1/16W 330K J |
| R416 | VE-30012713 | RES SMD | 1/16W 75R J |
| R417 | VE-30012650 | RES SMD | 1/16W 15K J |
| R418 | VE-30012510 | RES SMD | 1/16W 100R J |
| R419 | VE-30012510 | RES SMD | 1/16W 100R J |
| R420 | VE-30000466 | RES CF | 1/4W 1K J |
| R421 | VE-30012674 | RES SMD | 1/16W 27K J |
| R422 | VE-30012662 | RES SMD | 1/16W 2.7K J |
| R423 | VE-30012714 | RES SMD | 1/16W 820R J |
| R424 | VE-30012714 | RES SMD | 1/16W 820R J |
| R425 | VE-30012714 | RES SMD | 1/16W 820R J |
| R426 | VE-30000718 | RES CF | 1/4W 4.7K J |
| R427 | VE-30012657 | RES SMD | 1/16W 1K J |
| R428 | VE-30012696 | RES SMD | 1/16W 47K J |
| R429 | VE-30000466 | RES CF | 1/4W 1K J |
| R430 | VE-30000466 | RES CF | 1/4W 1K J |
| R431 | VE-30000466 | RES CF | 1/4W 1K J |
| R433 | VE-30000712 | RES CF | 1/4W 470R J |
| R434 | VE-30012657 | RES SMD | 1/16W 1K J |
| R435 | VE-30012659 | RES SMD | 1/16W 2.2K J |
| R436 | VE-30012674 | RES SMD | 1/16W 27K J |
| R437 | VE-30012642 | RES SMD | 1/16W 120K J |
| R457 | VE-30012641 | RES SMD | 1/16W 10K J |
| R460 | VE-30012698 | RES SMD | 1/16W 5.6K J |
| R461 | VE-30012641 | RES SMD | 1/16W 10K J |
| R462 | VE-30012641 | RES SMD | 1/16W 10K J |
| R463 | VE-30012696 | RES SMD | 1/16W 47K J |
| R464 | VE-30012696 | RES SMD | 1/16W 47K J |
| R465 | VE-30012508 | RES SMD | 1/16W 1.8K J |
| R467 | VE-30012641 | RES SMD | 1/16W 10K J |
| R468 | VE-30012641 | RES SMD | 1/16W 10K J |
| R469 | VE-30012683 | RES SMD | 1/16W 330K J |
| R470 | VE-30000670 | RES CF | 1/4W 330K J |
| R474 | VE-30000748 | RES CF | 1/4W 5.6K J |
| R477 | VE-30012662 | RES SMD | 1/16W 2.7K J |
| R478 | VE-30014022 | RES SMD | 1/16W 47R J |
| R479 | VE-30012510 | RES SMD | 1/16W 100R J |
| R502 | VE-30012695 | RES SMD | 1/16W 470R J |
| R503 | VE-30012707 | RES SMD | 1/16W 680R J |
| R504 | VE-30012679 | RES SMD | 1/16W 3.9K J |
| R506 | VE-30012506 | RES SMD | 1/16W 1.5K J |
| R507 | VE-30012657 | RES SMD | 1/16W 1K J |
| R508 | VE-30014022 | RES SMD | 1/16W 47R J |
| R509 | VE-30012641 | RES SMD | 1/16W 10K J |
| R510 | VE-30012673 | RES SMD | 1/16W 270R J |
| R511 | VE-30012508 | RES SMD | 1/16W 1.8K J |
| R512 | VE-30000459 | RES CF | 1/4W 100R J |
| R513 | VE-30000459 | RES CF | 1/4W 100R J |
| R514 | VE-30012657 | RES SMD | 1/16W 1K J |
| R515 | VE-30012692 | RES SMD | 1/16W 4.7K J |
| R516 | VE-30012692 | RES SMD | 1/16W 4.7K J |
| R517 | VE-30012692 | RES SMD | 1/16W 4.7K J |
| R518 | VE-30012659 | RES SMD | 1/16W 2.2K J |
| R519 | VE-30012659 | RES SMD | 1/16W 2.2K J |
| R520 | VE-30012698 | RES SMD | 1/16W 5.6K J |
| R526 | VE-30012657 | RES SMD | 1/16W 1K J |
| R528 | VE-30012668 | RES SMD | 1/16W 220R J |
| R529 | VE-30000590 | RES CF | 1/4W 2.2K J |
| R530 | VE-30012641 | RES SMD | 1/16W 10K J |
| R531 | VE-30012698 | RES SMD | 1/16W 5.6K J |
| R533 | VE-30012698 | RES SMD | 1/16W 5.6K J |
| R534 | VE-30000500 | RES CF | 1/4W 12K J |
| R535 | VE-30012506 | RES SMD | 1/16W 1.5K J |
| R537 | VE-30000471 | RES CF | 1/4W 10K J |
| R541 | VE-30000500 | RES CF | 1/4W 12K J |
| R542 | VE-30012508 | RES SMD | 1/16W 1.8K J |
| R546 | VE-30012692 | RES SMD | 1/16W 4.7K J |
| R547 | VE-30012641 | RES SMD | 1/16W 10K J |
| R560 | VE-30000525 | RES CF | 1/2W 1.5K J |
| R563 | VE-30012692 | RES SMD | 1/16W 4.7K J |
| R564 | VE-30012641 | RES SMD | 1/16W 10K J |
| R565 | VE-30012641 | RES SMD | 1/16W 10K J |
| R566 | VE-30012641 | RES SMD | 1/16W 10K J |
| R568 | VE-30000459 | RES CF | 1/4W 100R J |
| R601 | VE-30000723 | RES CF | 1/4W 47K J |
| R602 | VE-30012642 | RES SMD | 1/16W 120K J |
| R603 | VE-30012711 | RES SMD | 1/16W 75K J |
| R604 | VE-30000718 | RES CF | 1/4W 4.7K J |
| R605 | VE-30012641 | RES SMD | 1/16W 10K J |
| R607 | VE-30015578 | RES SMD | 1/16W 2.2R J |
| R609 | VE-30001145 | RES MO | 1W 33R J |
| R610 | VE-30000519 | RES CF | 1/4W 150R J |
| R611 | VE-30000650 | RES CF | 1/4W 33R J |
| R612 | VE-30012508 | RES SMD | 1/16W 1.8K J |
| R613 | VE-30000828 | RES CF | 1/4W 8.2M J |
| R615 | VE-30012510 | RES SMD | 1/16W 100R J |
| R616 | VE-30001145 | RES MO | 1W 33R J |
| R617 | VE-30012677 | RES SMD | 1/16W 3.3K J |
| R618 | VE-30000769 | RES CF | 1/2W 680R J |
| R619 | VE-30000910 | RES MF | 1/2W 1.8R G |
| R623 | VE-30000869 | RES MF | 1/4W 12K J |
| R624 | VE-30000594 | RES CF | 1/4W 22K J |
| R625 | VE-30000469 | RES SMD | 1/10W 1K J |
| ⚠R626 | VE-30001215 | RES FUSE | 1W 1R J |
| R627 | VE-30000718 | RES CF | 1/4W 4.7K J |

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| R628 | VE-30014941 | RES CF | 1/4W 16K J | |
| R629 | VE-30000594 | RES CF | 1/4W 22K J | |
| R631 | VE-30012508 | RES SMD | 1/16W 1.8K J | |
| R633 | VE-30000564 | RES CF | 1/4W 18K J | |
| R635 | VE-30012659 | RES SMD | 1/16W 2.2K J | |
| R636 | VE-30006757 | RES MO | 1W 560R J | |
| ⚠R637 | VE-30001225 | RES FUSE | 1/4W 0.22R J | |
| R638 | VE-30006757 | RES MO | 1W 560R J | |
| R639 | VE-30002731 | RES SMD | 1/10W 68R J | |
| R640 | VE-30002731 | RES SMD | 1/10W 68R J | |
| R801 | VE-30000983 | RES MF | 1/4W 4.7K F | |
| R802 | VE-30012642 | RES SMD | 1/16W 120K J | |
| R803 | VE-30007207 | RES SMD | 1/10W 22K F | |
| R804 | VE-30000466 | RES CF | 1/4W 1K J | |
| R805 | VE-30000466 | RES CF | 1/4W 1K J | |
| R807 | VE-30001157 | RES MO | 1W 330K J | |
| R808 | VE-30000452 | RES CF | 1/4W 10R J | |
| R809 | VE-30001183 | RES MO | 2W 56K J | |
| R810 | VE-30017136 | RES MO | 1W 0.56R J | |
| ⚠R811 | VE-30001257 | RES MG | 1/2W 4.7M J | |
| R813 | VE-30000470 | RES CF | 1/2W 10K J | |
| R814 | VE-30000649 | RES CF | 1/2W 33R J | |
| R815 | VE-30000524 | RES SMD | 1/10W 150R J | |
| R816 | VE-30000470 | RES CF | 1/2W 10K J | |
| R817 | VE-30000594 | RES CF | 1/4W 22K J | |
| R820 | VE-30000469 | RES SMD | 1/10W 1K J | |
| ⚠R821 | VE-30001229 | RES FUSE | 1W 2.2R J | |
| R828 | VE-30001185 | RES MO | 2W 5.6R J | |
| R829 | VE-30012714 | RES SMD | 1/16W 820R J | |
| ⚠R830 | VE-30001245 | RES FUSE | 1/4W 0.47R J | |
| R831 | VE-30012677 | RES SMD | 1/16W 3.3K J | |
| ⚠R832 | VE-30018085 | CAP VAR | 510V K | |
| R901 | VE-30012688 | RES SMD | 1/16W 390R J | |
| R902 | VE-30012688 | RES SMD | 1/16W 390R J | |
| R903 | VE-30012688 | RES SMD | 1/16W 390R J | |
| R904 | VE-30012508 | RES SMD | 1/16W 1.8K J | |
| R905 | VE-30012508 | RES SMD | 1/16W 1.8K J | |
| R906 | VE-30012508 | RES SMD | 1/16W 1.8K J | |
| R907 | VE-30014022 | RES SMD | 1/16W 47R J | |
| R908 | VE-30014022 | RES SMD | 1/16W 47R J | |
| R909 | VE-30014022 | RES SMD | 1/16W 47R J | |
| R910 | VE-30012695 | RES SMD | 1/16W 470R J | |
| R911 | VE-30012695 | RES SMD | 1/16W 470R J | |
| R912 | VE-30012695 | RES SMD | 1/16W 470R J | |
| R913 | VE-30001116 | RES MO | 2W 18K J | |
| R914 | VE-30001116 | RES MO | 2W 18K J | |
| R915 | VE-30001116 | RES MO | 2W 18K J | |
| R916 | VE-30000459 | RES CF | 1/4W 100R J | |
| R917 | VE-30012510 | RES SMD | 1/16W 100R J | |
| R918 | VE-30012510 | RES SMD | 1/16W 100R J | |
| R919 | VE-30000526 | RES CF | 1/4W 1.5K J | |
| R920 | VE-30000526 | RES CF | 1/4W 1.5K J | |
| R921 | VE-30000526 | RES CF | 1/4W 1.5K J | |
| J142 | VE-30000461 | RES CF | 1/6W 100R J | |
| L104 | VE-30001734 | JUMPER SMD | | |
| L201 | VE-30001992 | FIXED COIL | 10UH | |
| L204 | VE-30001984 | FIXED COIL | 2.2UH | |
| L402 | VE-30001992 | FIXED COIL | 10UH | |
| L403 | VE-30001990 | FIXED COIL | 6.8UH | |
| L404 | VE-30001987 | FIXED COIL | 4.7UH | |
| L407 | VE-30001992 | FIXED COIL | 10UH | |
| L410 | VE-30001992 | FIXED COIL | 10UH | |
| L601 | VE-30001990 | FIXED COIL | 6.8UH | |
| L803 | VE-30001984 | FIXED COIL | 2.2UH | |
| L806 | VE-30002011 | FIXED COIL | 150UH | |
| L811 | VE-30001990 | FIXED COIL | 6.8UH | |
| J128 | VE-30002002 | FIXED COIL | 47UH | |
| J168 | VE-30001992 | FIXED COIL | 10UH | |
| ⚠TR601 | VE-30017788 | TRF FBT | | |
| ⚠TR801 | VE-30015302 | TRF SMPS | | |
| ⚠F801 | VE-30001731 | FUSE | 2.5A | |
| L101 | VE-30001971 | FERRITE SMD | | |
| L103 | VE-30001971 | FERRITE SMD | | |
| L105 | VE-30001971 | FERRITE SMD | | |
| L106 | VE-30001971 | FERRITE SMD | | |
| L406 | VE-30001971 | FERRITE SMD | | |
| ⚠L801 | VE-30002100 | LINE FILTER | | |
| L802 | VE-30001971 | FERRITE SMD | | |
| L804 | VE-30001971 | FERRITE SMD | | |
| L805 | VE-30001971 | FERRITE SMD | | |
| LX810 | VE-30010964 | FERRITE SMD | | |
| PL102 | VE-30015053 | SOCKET SCART | | |
| ⚠PL902 | VE-30001860 | SOCKET CRT | | |
| SW501 | VE-30015988 | SWITCH TACT | | |
| SW502 | VE-30015988 | SWITCH TACT | | |
| SW503 | VE-30015988 | SWITCH TACT | | |
| SW504 | VE-30015988 | SWITCH TACT | | |
| ⚠SW801 | VE-30017848 | SWITCH ON/OFF | | |
| ⚠TH800 | VE-30001270 | PTC | 9 OHM | |
| TU201 | VE-30009637 | TUNER WSP (PLL) | | |
| VL405 | VE-30026042 | ADJ.COIL | | |
| X401 | VE-30001749 | XTAL | | |
| X402 | VE-30015592 | XTAL | | |
| X501 | VE-30002851 | XTAL | | |
| Z401 | VE-30001728 | TRIPLE TRAP | | |
| Z403 | VE-30001690 | FILTER SAW | | |
| Z404 | VE-30001707 | FILTER SAW | | |

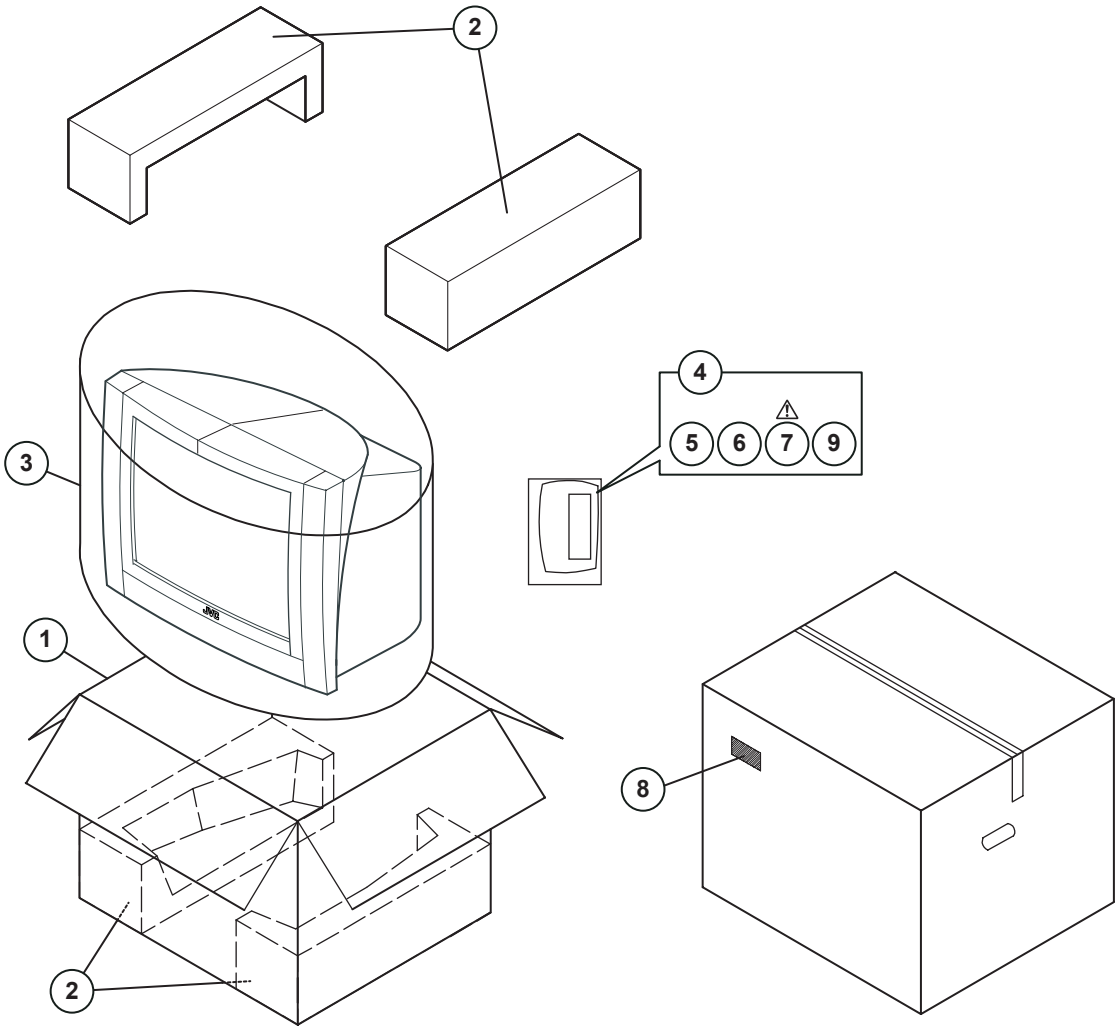
## FRONT AV JACK P.W. BOARD ASS'Y (VE-20124552)

REFER TO PARTS LIST IN PAGE 3-6 FOR THIS P.W. BOARD.

## HEADPHONE JACK P.W. BOARD ASS'Y (VE-20170438)

REFER TO PARTS LIST IN PAGE 3-6 FOR THIS P.W. BOARD.

# PACKING




# PACKING PARTS LIST

| ⚠ | Ref.No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|---|
| | 1 | VE-50050692 | CARTON BOX | | AV-14RM4SN |
| | 1 | VE-50050686 | CARTON BOX | | AV-14RM4SP |
| | 1 | VE-50050707 | CARTON BOX | | AV-14RM4SE |
| | 2 | VE-20155373 | SNOW BOX ASSY | 4pcs in 1set | |
| | 3 | VE-50018337 | POLY BAG | 50*90 (15+15) | |
| | 4 | VE-70000587 | POLY BAG | | |
| | 5 | VE-30017763 | REMOTE CONTROL UNIT | RM-C1100 | |
| | 6 | ---------- | WARRANTY CARD | BT-54013-2TK | |
| ⚠ | 7 | VE-50050690 | INST BOOK | Eng/Fre/Ger/Ita/Spa/Dut/Por/Swe/Nor/Dan/Fin | AV-14RM4SN |
| ⚠ | 7 | VE-50050685 | INST BOOK | Eng/Fre/Ger/Ita/Spa/Dut/Por | AV-14RM4SP |
| ⚠ | 7 | VE-50050706 | INST BOOK | Eng/Pol/Cze/Hum/Bul/Rom | AV-14RM4SE |
| | 8 | VE-20159451 | LABEL | | AV-14RM4SN |
| | 8 | VE-20159447 | LABEL | | AV-14RM4SP |
| | 8 | VE-20159465 | LABEL | | AV-14RM4SE |
| | 9 | ---------- | BATTERY | AA/R06 (x2) | |
| | -- | VE-30000001 | ANTENNA ROD (W/ADAPTOR) | | |
| | -- | VE-50055576 | CARTON SEPERATOR | 415X500 | |